

# GRIDS

# GRIDS

a device used to divide space that guides the placement of elements on the page.

Grids provide an underlying structure that brings harmony to layouts.

Grids are composed of horizontal and vertical increments.

Hint: These already exist in type.

*vertical*: leading

*horizontal*: line width

# Opernhaus Zürich

## Eröffnung der Spielzeit 1966/67

### Tannhäuser

**Samstag, 3. September**  
**19.00 Uhr**  
Neuinszenierung

**Romantische Oper von Richard Wagner**  
Musikalische Leitung: Christian Vöchting  
Inszenierung: Hans Hotter  
Bühnenbild und Kostüme: Max Röthlisberger  
Choreographie: Renate Ebermann  
Chöre: Hans Erismann

### Bluthochzeit

**Mittwoch, 7. September**  
**20.00 Uhr**  
Erstaufführung

**Lyrische Tragödie von Federico Garcia Lorca**  
**Musik von Wolfgang Fortner**  
Musikalische Leitung: Armin Jordan  
Inszenierung: Kurt Ehrhardt  
Bühnenbild und Kostüme: Toni Businger

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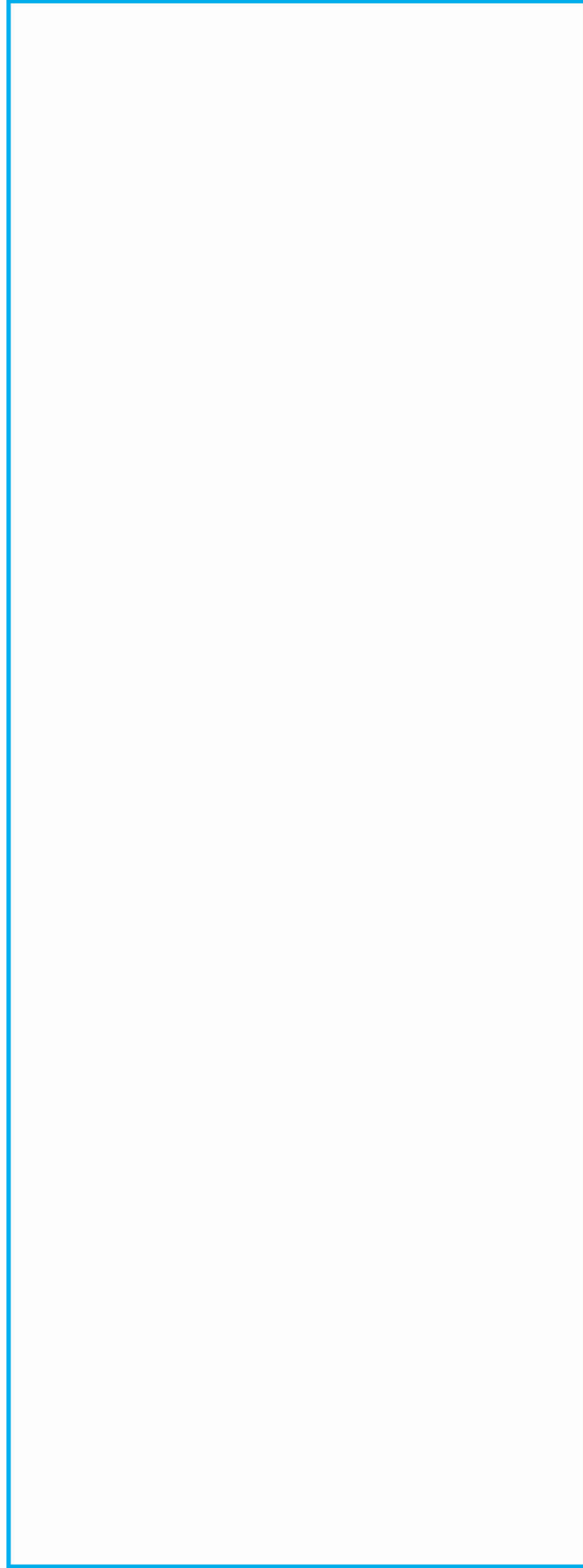
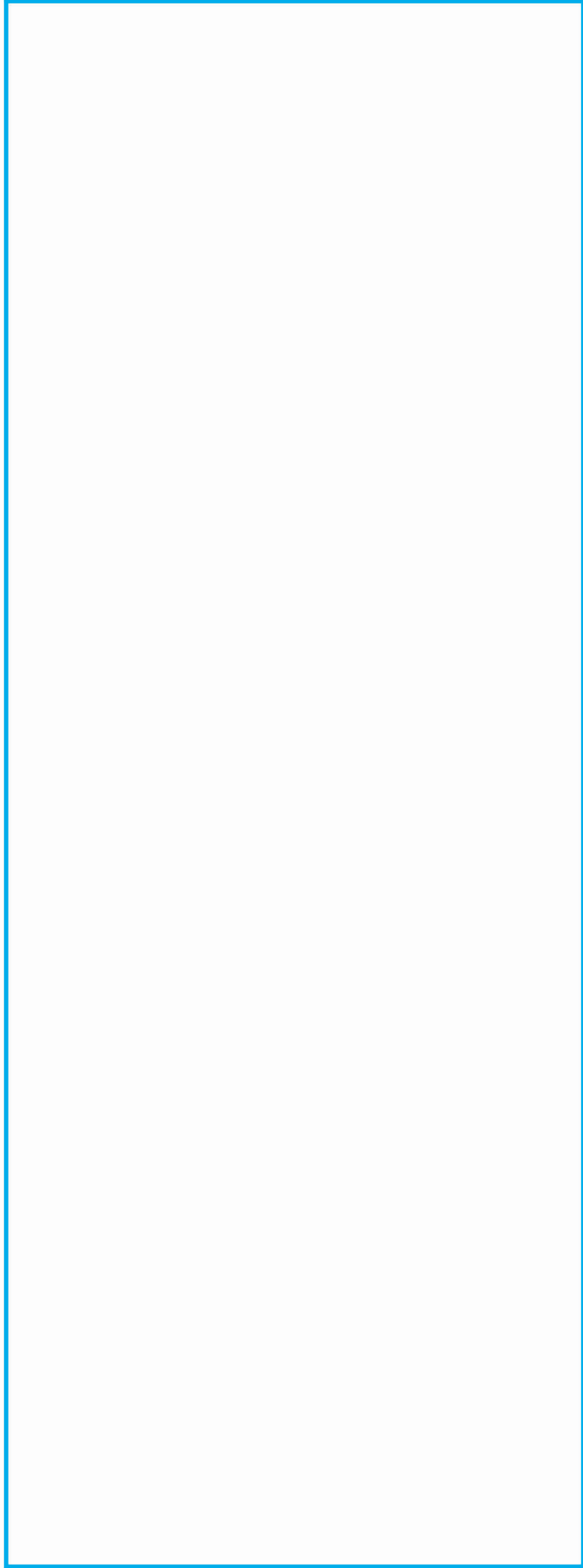
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Nearly every piece of design, from a magazine layout to a poster to a website, is built on a grid.

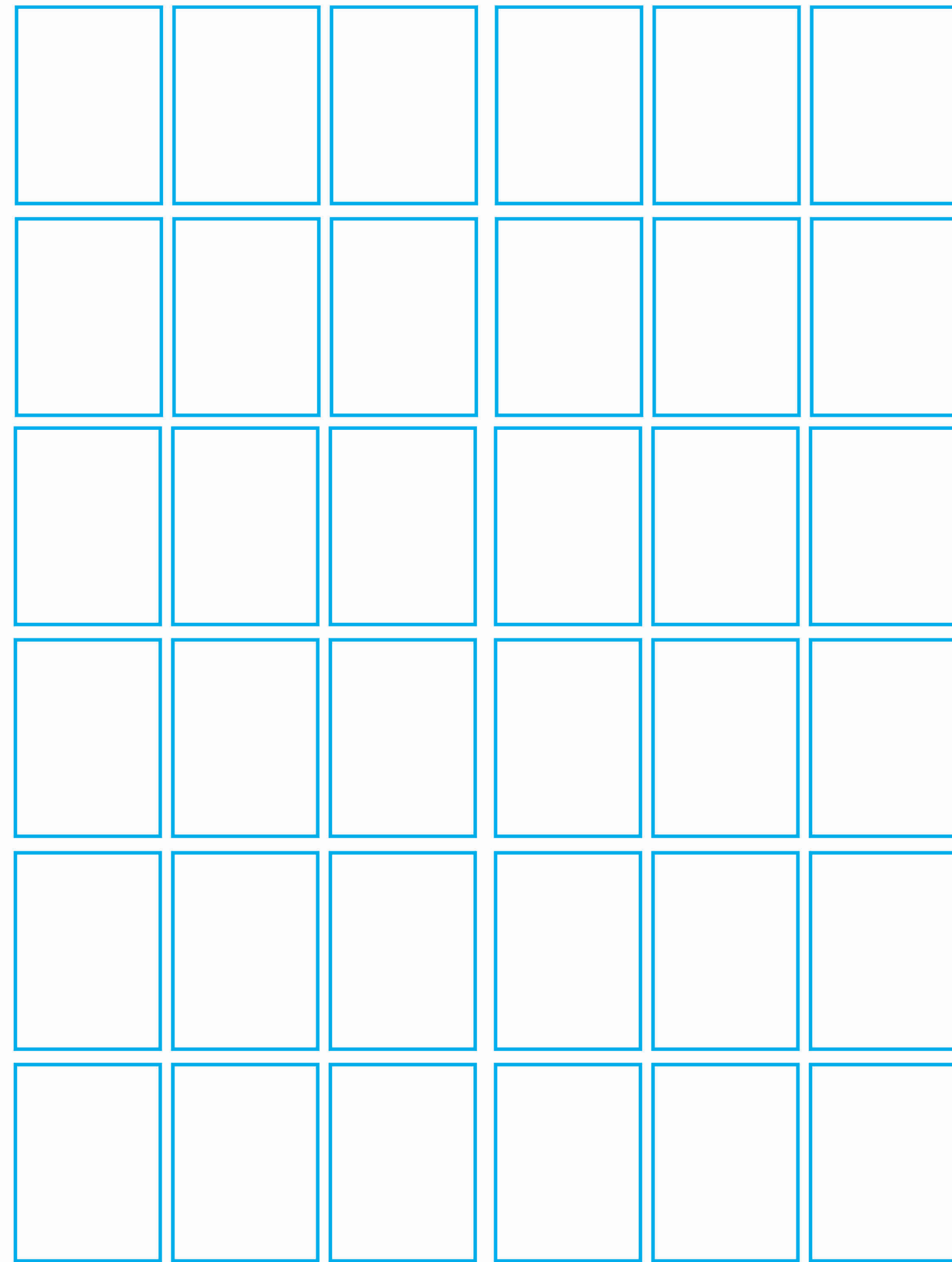
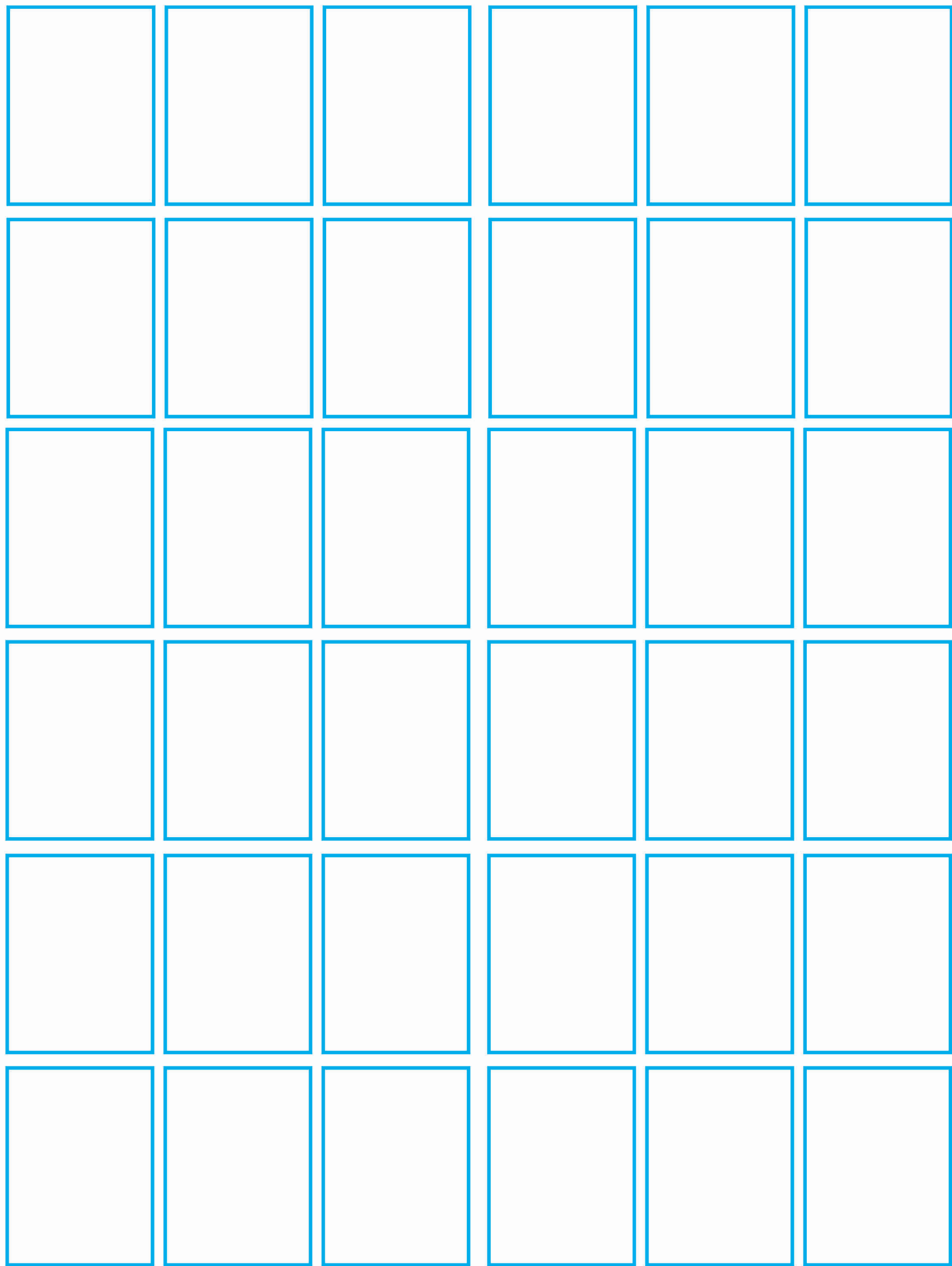
They are the cornerstone of page layout.











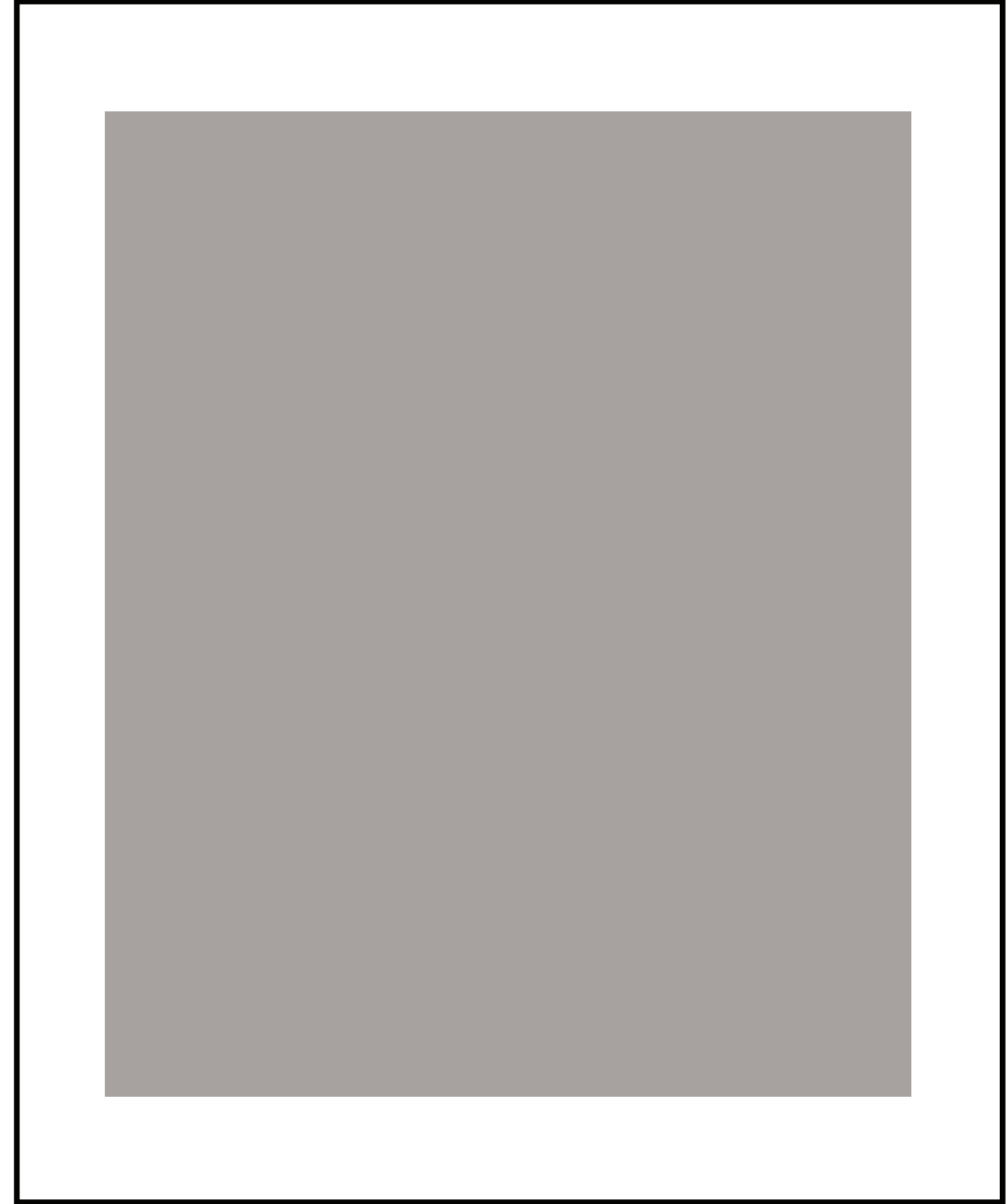
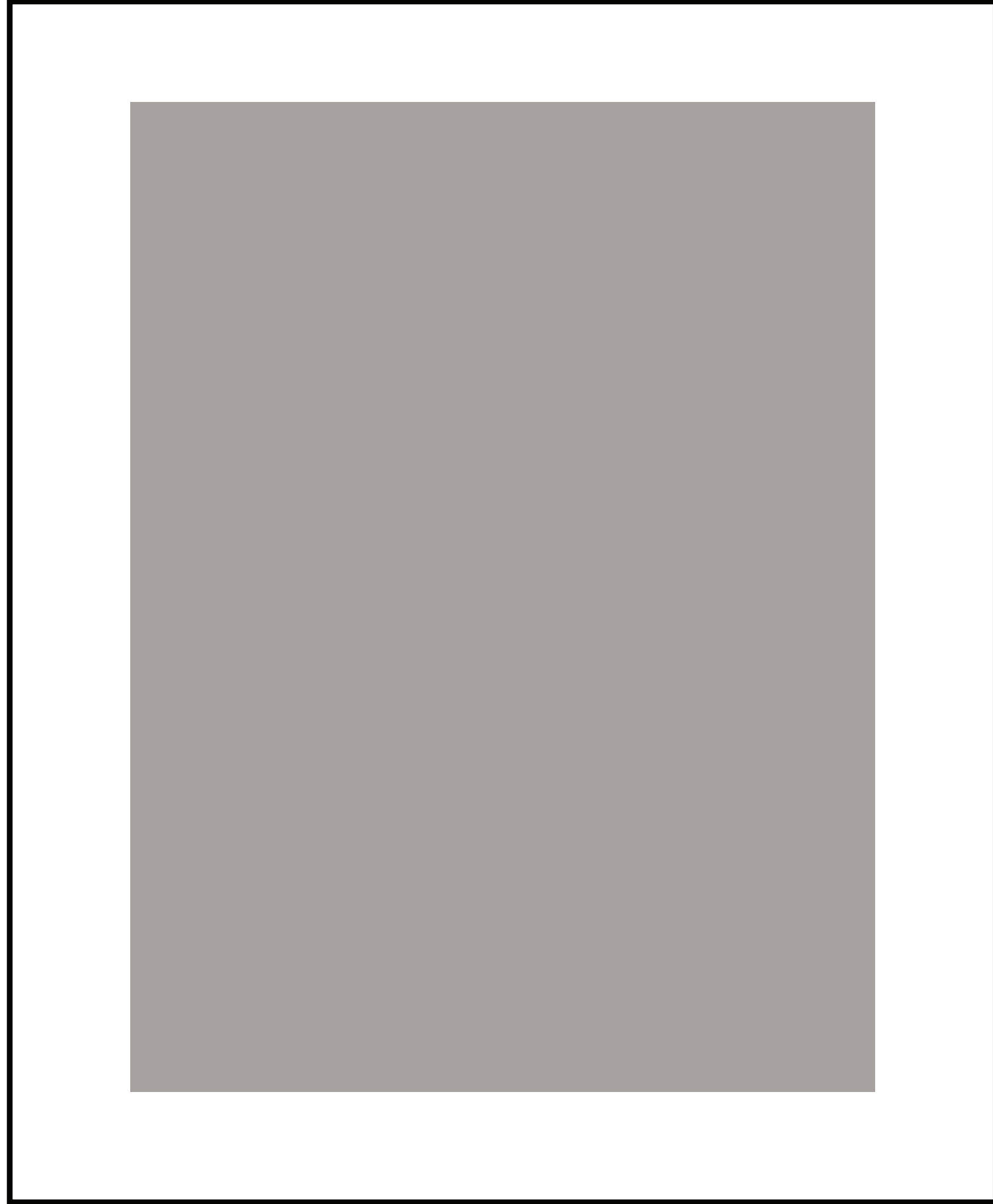
The grid of a page should be heavily influenced by the body copy.

**EXAMPLE**

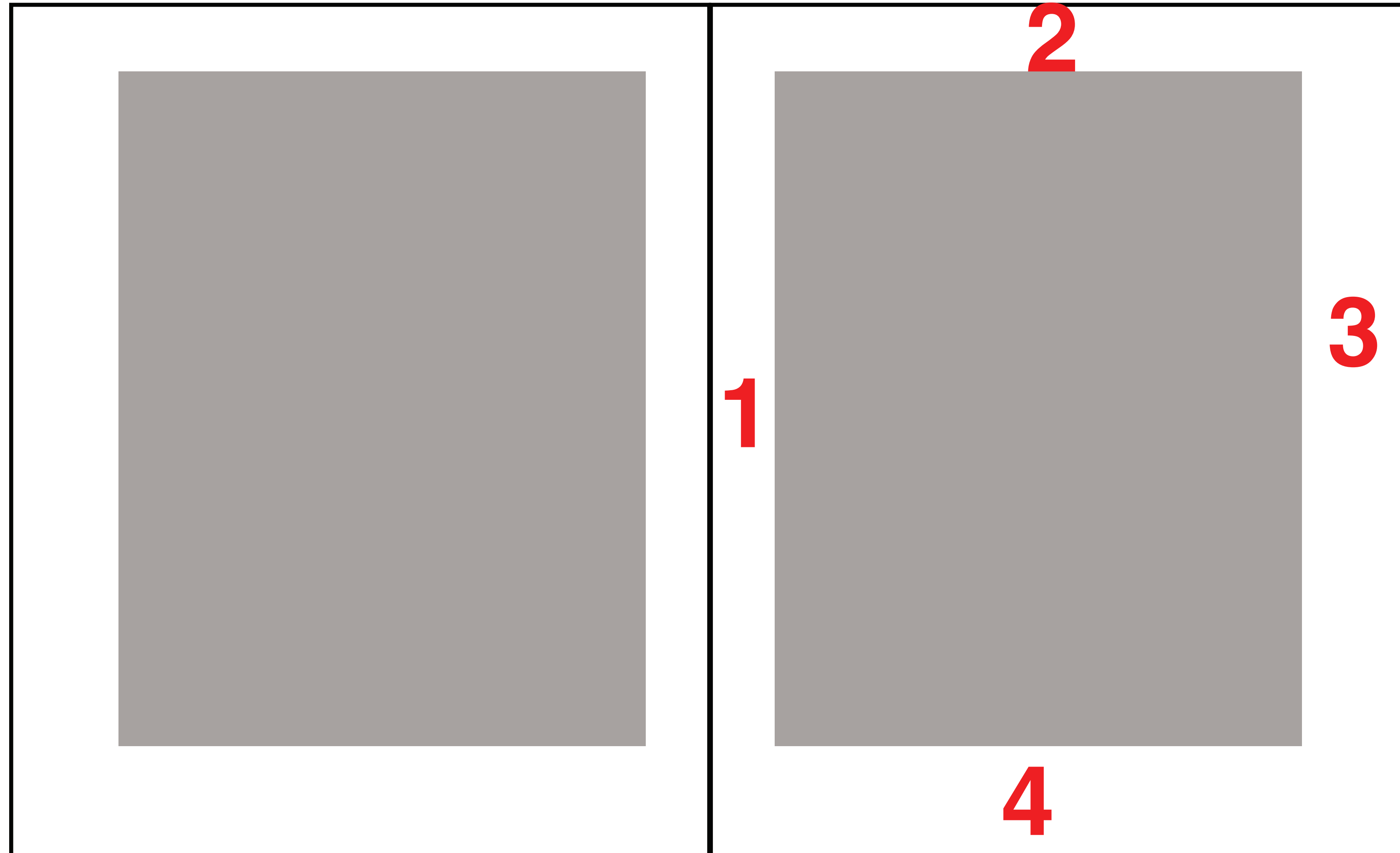
# EXAMPLE

## 1. Margins

# Single pages



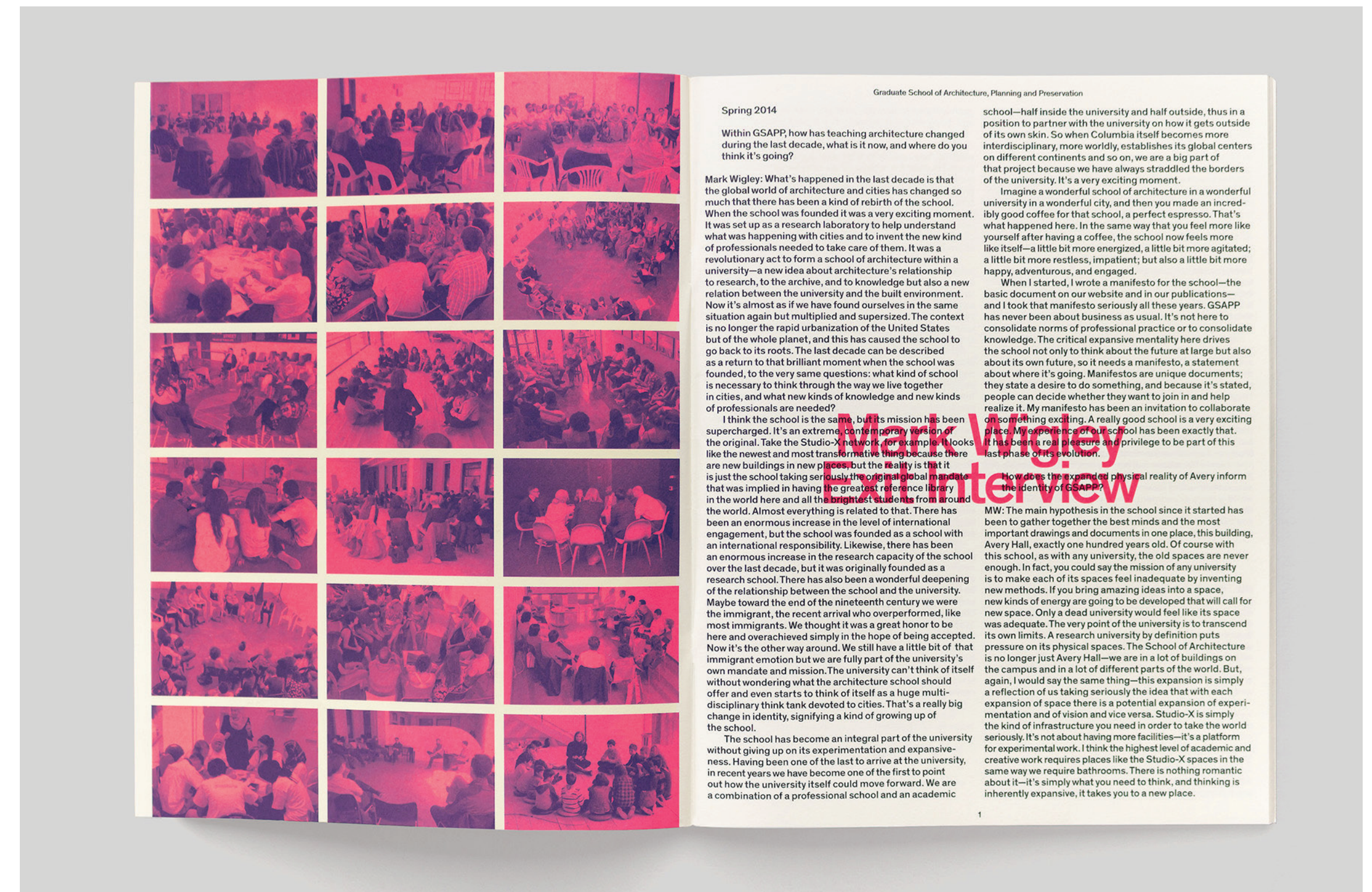
In spreads, margins typically increase in size going around the page clockwise, starting with the inside margin.



Sometimes the outside margin is more sizeable to save room for captions or reader's thumbs.

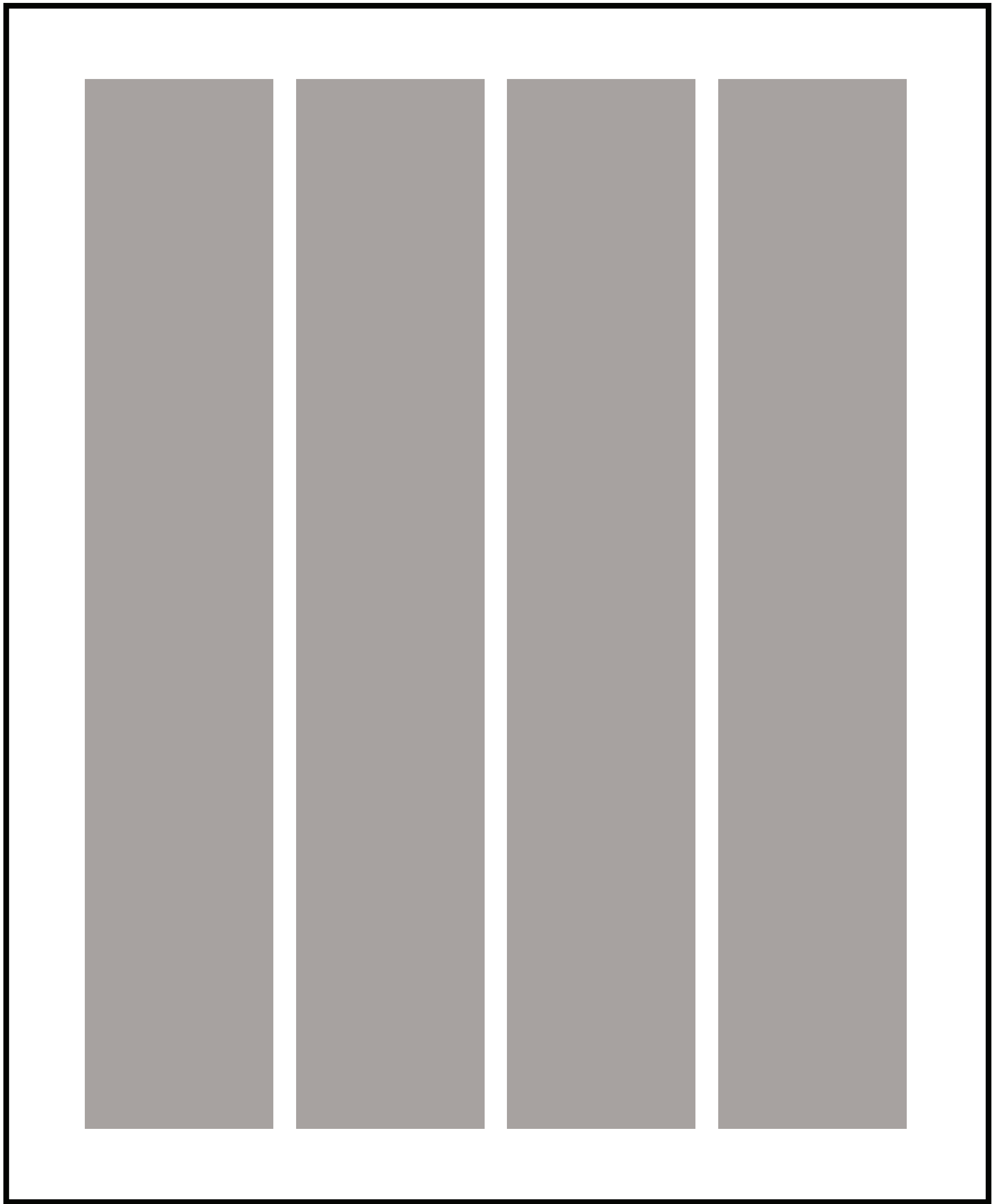


# Larger margins are seen as more elegant/formal.

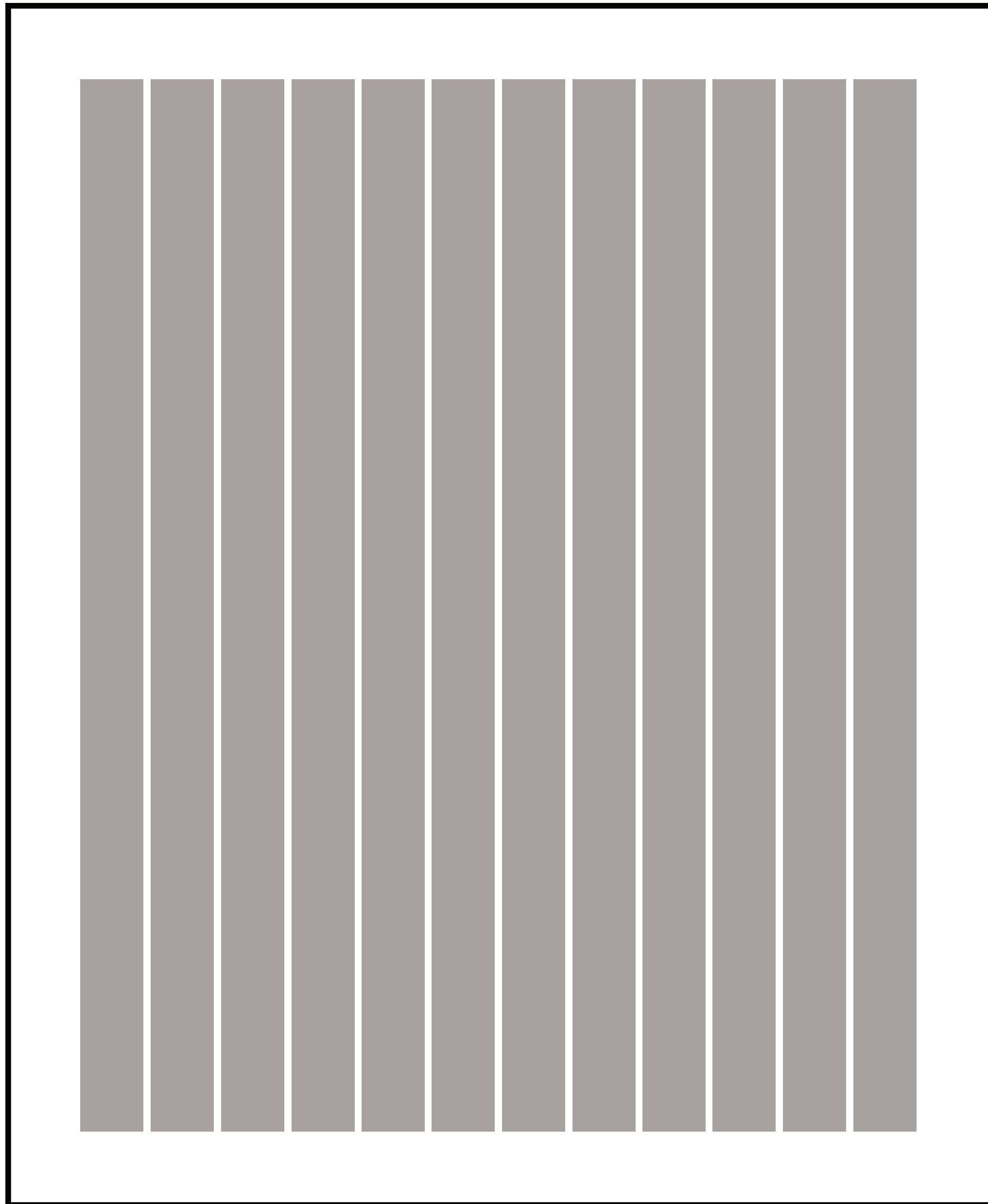


# EXAMPLE

1. Margins
2. Columns



More columns provide more options for the layout.



**Twelve columns is nice too.**

*Seems excessive?*

You probably won't use all 12, but 12 columns can be simplified to 2, 3, 4 and 6 columns easily, so it makes sense for a grid system that will hold lots of different kinds of content.

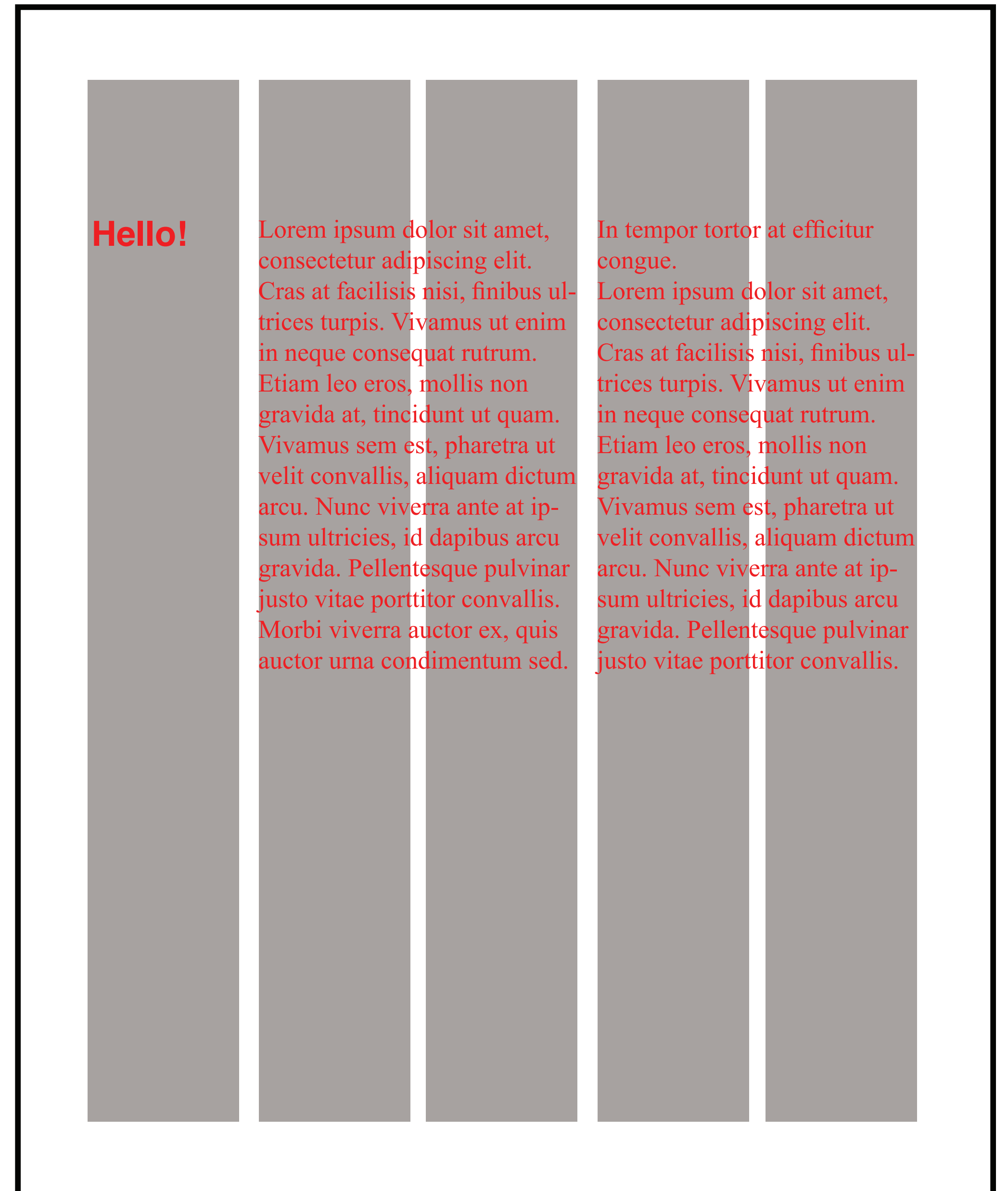
# How do I choose the number of columns?

Choosing a number of columns should be based on the content.

Five columns would make sense for a document that would benefit from 2 columns of text (each spanning 2 grid units horizontally) and then a fifth, thinner column to the side for captions.

Twelve columns is nice, but should be simplified to a smaller number (2, 3, 4, 6 columns).

Too few columns and you limit your options. Too many, and you lose the structure.



Lesley Gore  
B. 1946

### YOU WOULD CRY, TOO

She made songs about  
Loving and losing sound triumphant.  
By Rob Hoerburger

**T**

hat first hit, "It's My Party," lasted just 2 minutes 21 seconds, and still the phrase came at us more than a dozen times, each one, it seemed, with a little more mustard. "I'll cry if I want to, cry if I want to, *cry if I want to.*" Then, a few months later, there was "You Don't Own Me," its minor-key verse overswelling into a major-key chorus of "Don't tell me what to do/Don't tell me what to say." With these declarations, Lesley Gore, the plucky teenager from Tenafly, N.J., brought a new kind of sisterly steeliness to the Top 40.

But there was something else going on, too, a quality in the voice — sockhop swing mixed with smoky afternotes of tenderness — if not in the actual words, that hinted at something she might have been trying to tell us, maybe even tell herself. In the summer of '64, when she was 18 and holding her own on the charts at the height of Beatlemania, she enrolled at Sarah Lawrence College, a place known for seekers and dissenters. She studied English and American literature and initially stuck out for her pop bona fides: "I was a rock personality, which was not considered at all chic," she said. "People at Sarah Lawrence

were either into classical or folk music." She still performed on the weekends and during vacations, and gradually the songs about unsuitable boys ("Maybe I Know"), about the need for self-reliance, took on a new dimension and authenticity, because over time, she realized she was gay.

By the time she graduated, though, pop music had changed, too. Gone were the days of hair flips and crinoline skirts, of songs that lasted just 2:21. Gore was now not just a gay woman trying to make her way in the music business, but also a 22-year-old has-been. She moved to Los Angeles and started writing more of her own material, often with her girlfriend at the time, the actress and writer Ellen Weston. But while pop music had become more "progressive," America wasn't quite ready to hear, at least from one of its former singing sweethearts, grown-up songs with maybe-gay subtexts like "Love Me by Name" and "Someplace Else Now."



Lesley Gore in the 1960s, left. The album "Girl Talk" from 1964, above.

“  
‘Out Here on My Own’ became an anthem of empowerment for anyone who felt marginalized or discarded.”

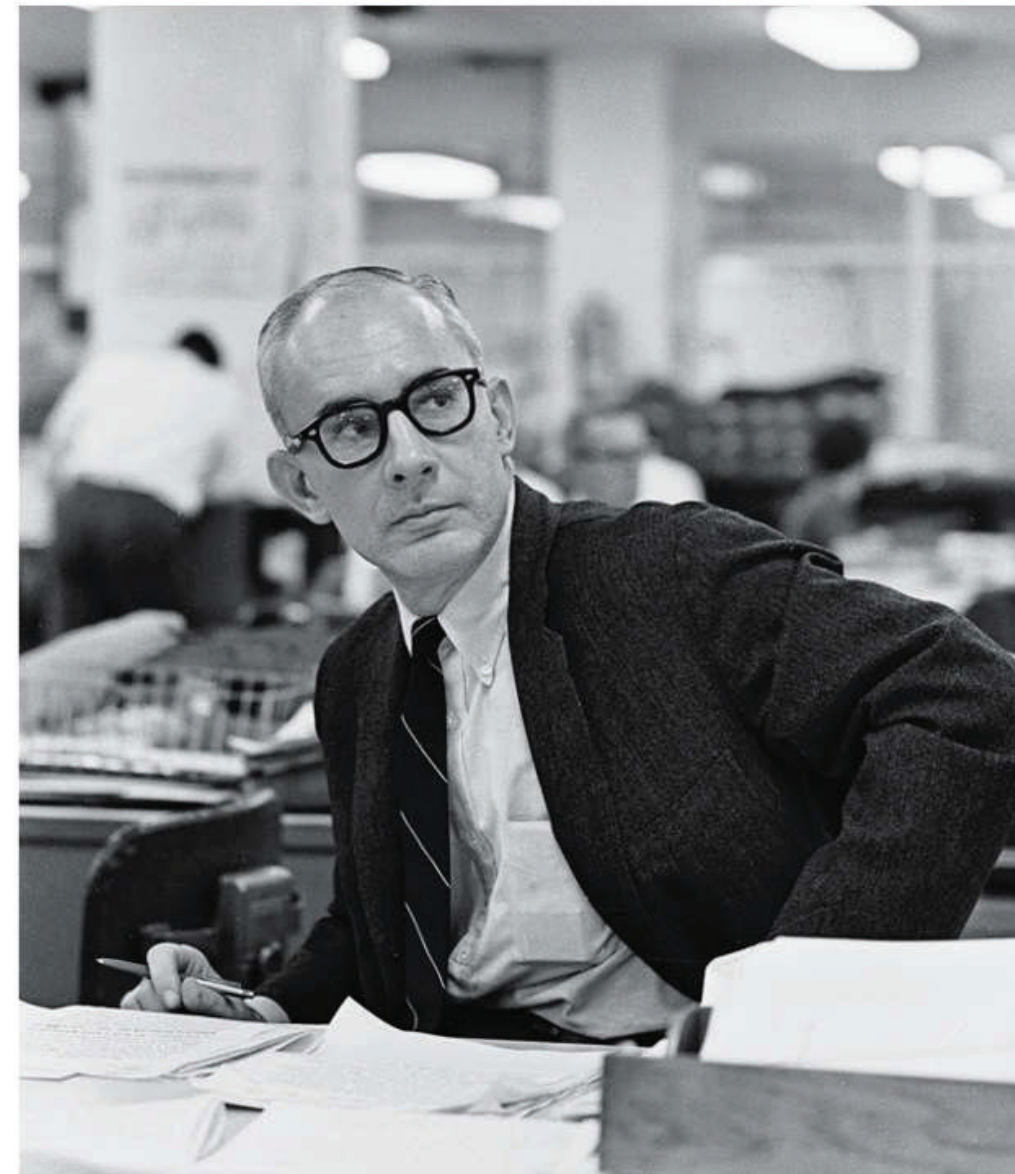


She and Weston "were kicked out of more offices than you have hair on your head," Gore said during one of her comeback attempts. She continued to mostly struggle, until 1980, when she wrote the words to "Out Here on My Own," from the movie "Fame." With lines like "I dry the tears I've never shown" and "I may not win, but I can't be thrown," the song became an anthem of empowerment for anyone who felt marginalized or discarded (and earned her, with her brother and co-writer, Michael, a Best Original Song Oscar nomination).

Gore did continue to sing "It's My Party" and her other '60s hits in concert, and one place her career experienced no lulls was my own house. "It's My Party" was the first record I ever owned, and well into adulthood my two sisters and I continued to see her perform, in oldies big tents and intimate cabarets. We even used the unrepentant joy of Gore's "Sunshine, Lollipops and Rainbows" as music therapy to help my young niece recover from a rare illness.

Like Gore, my sisters and I were following unconventional paths — single parent, Catholic nun, gay man — and I suspect we may have always connected to that searching quality in her voice. Leaving one of her concerts sometime in the '80s, I turned to one of my sisters and said, "I think she must be gay," though Gore had still not publicly come out. Years later, after she had hosted episodes of the L.G.B.T. newsmagazine "In the Life" and talked about her relationship with her longtime partner, a jewelry designer named Lois Sasson, she would nevertheless claim, "I can't come out of the closet, because I was never really in it." As Blake Morgan, a New York musician who knew Gore for almost 30 years, put it: "Sometimes when you slice into people, you get a little bit of them and then a little bit of someone else. When you sliced into Lesley, you just kept getting Lesley. She always said, 'You gotta make your 16-year-old self proud.'" ♦

**O**



Claude Sitton  
B. 1925

### BEARING WITNESS

He brought the civil rights struggle up close for readers.  
By Sam Dolnick

outside, the crickets chirped their summer song. Inside, Claude Sitton sat quietly in a pew. It was July 1962, a sticky night in a little wooden church in southwestern Georgia.

Sitton had been on the road for weeks, but tonight he was still, observing the scene intensely: the church's pine floor, the wall calendar's photograph of President Kennedy. He was with a group of three dozen black men and women gathered clandestinely for a voter-registration meeting, all listening to a pastor

reading Scripture: "We are counted as sheep for the slaughter."

Then Sitton felt the air leave the room. Sheriff Zeke Mathews stepped through the church door, a dozen white police officers by his side. They clumped down the aisle. *Clumped.* That was Sitton's word.

"We want our colored people to go on living like they have for the last hundred years." Those were the sheriff's words.

They were also the opening sentence of Sitton's front-page article the next day in The New York Times, a riveting account of intimidation that captured the attention of the White House and the Justice Department, whose lawyers soon flew into town to sue Mathews. It wasn't the first time, or the last, that Sitton's work would have that sort of effect.

Sitton, a former copy editor at The Times — and the grandson of a Confederate tax collector — was now the leading reporter of the civil rights movement as the paper's Southern correspondent. The day after the church story, Sitton wrote about the Rev. Dr. Martin Luther King Jr.'s arrest at a protest. The day after that, he wrote about a sheriff's beating a black lawyer bloody. The day after that, he wrote about a judge reviewing a ban on Negro demonstrations.

Four years earlier, Sitton replaced Johnny Popham, who both acknowledged his discomfort covering race relations and refused to fly, meaning The Times had been covering the era's biggest story at the pace of a Southern back road as Popham drove everywhere in boat-size sedans, from Houma to Chattanooga to Tuscaloosa, about 40,000 miles a year.

Given the chance to return to and write about the South, Sitton quickly emerged as a leader on the beat, the rare reporter unafraid to contradict an official source he knew to be lying. Civil rights workers carried his phone number in case they got into trouble. In 1964, Newsweek called him "the best daily newspaperman on the Southern scene."

But the accolades were a long way off that night in Sasser, Ga. When Sitton returned to his car after the voter-registration meeting, he found a puncture mark from a knife and a flat tire. The gasoline tank was filled with sand. He included both facts in his story. Afterward, a fellow reporter liked to tease him about his habit of sitting in restaurants with his eyes toward the door. "Just prudent," Sitton would say. "Just prudent." ♦



MARY ELLEN MARK

The photographer Mary Ellen Mark (b. 1940) often immersed herself for weeks or months in the lives of the disenfranchised — women on the security ward of the Oregon State Hospital, prostitutes working Falkland Road in Bombay, teenagers living on the streets of Seattle. She emerged with enduring images of humanity on the margins. "I'm interested in reality, and I'm interested in survival," she once explained to an interviewer. "I'm interested in people who aren't the lucky ones, who maybe have a tougher time surviving, and telling their story."

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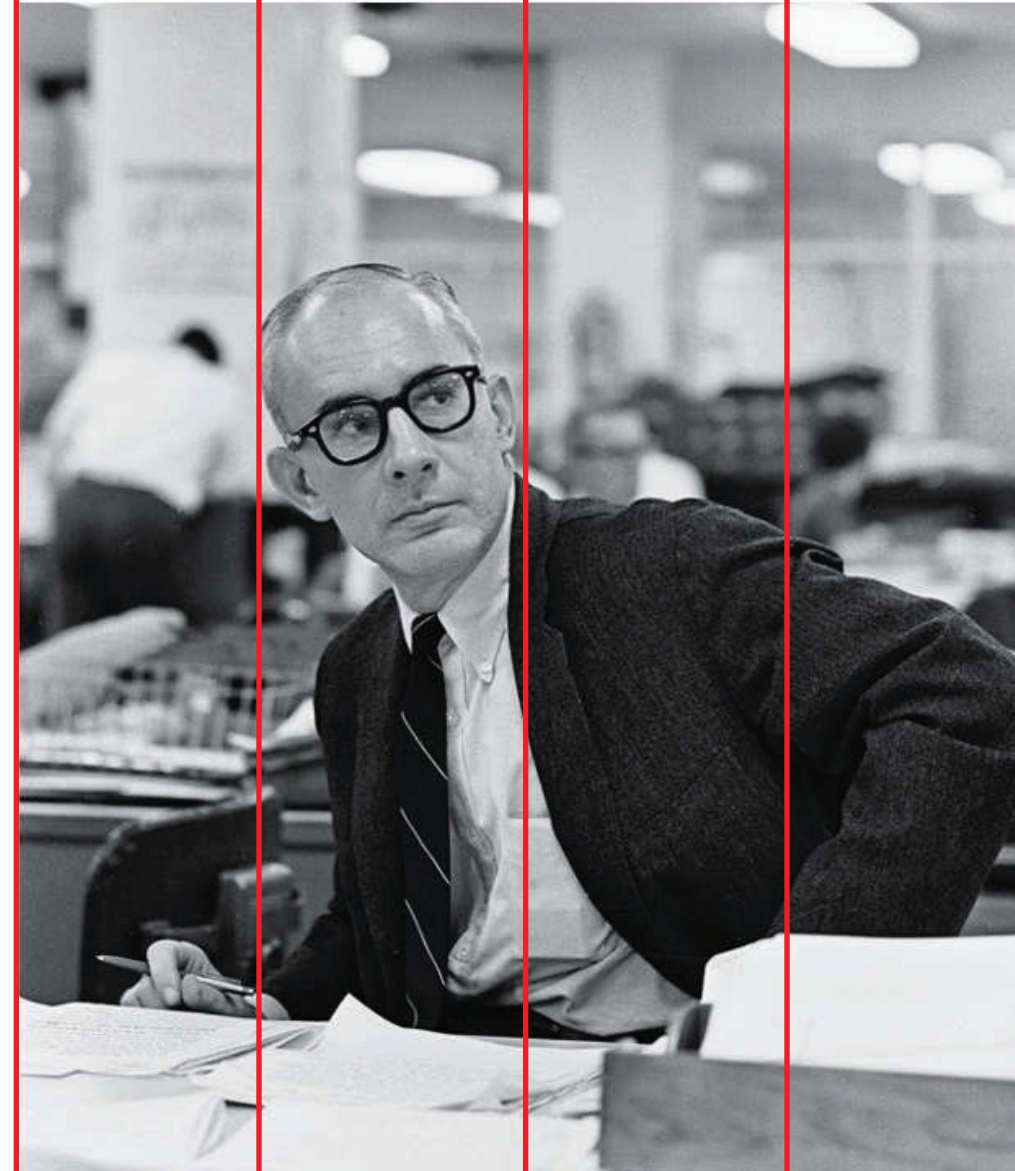


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Claude Sitton at The New York Times in 1964.

## Coverjunkie's crib is awesome!

The super ace Jaap Biemans (aka Coverjunkie) shows us around his oh-so-hot Amsterdam pad



**01/02** **Yellow 3D printed chairs / Bowie vinyl**  
 "The chairs are designed by Dirk Vander Kooij, a new and promising designer out of the Netherlands. My turntable is in the cupboard. Just this year I rediscovered my Bowie record. That artwork... ace!"

**D**on't you just love having a nosey around other people's homes? We do, for sure. So, when the 23 April 2016 design issue of **VOLKSKRANT MAGAZINE** landed on the doorstep here at **GYM CLASS HQ** in London — with a feature on the oh-so-lush home of the magazine's award-winning Art Director Jaap Biemans (aka Coverjunkie) — we were all like: get this magical dream into our eyes. Now! ¶ Amsterdam-based Biemans lives in a converted warehouse dating back to 1900 with his fiancée and two daughters. The home is canalside (obvs, it's Amsterdam after all) in the central neighbourhood of Vondelpark, is 250 square metres in size, has high ceilings, plenty of natural light, a central patio, a small garden out back, and hang-out space up on the roof. Oh wow, what a dream! [Shih Tzu, if this **GYM CLASS** gig doesn't work out, I could always get a job writing property particulars. —Ed.] Oh... and it's an easy bike ride to work every morning. "It's a sweet ride through Amsterdam with one kid on the front of the bike and the other on the back," Biemans says. "It takes 30 minutes through the biggest and most beautiful park in Amsterdam, I drop the kids at pre-school, ride underneath the Rijksmuseum, cut through the tourist area, and cross the Amstel river, before arriving at Helena Primakoff for a decent flat white to kickstart the day at the magazine. Of course, I feel different about the ride in winter." ¶ OMG, envy much? Coverjunkie, we bow down whatever the weather! ¶ Thanks to photographer Jaap Scheeren for letting us reproduce a couple of the **VOLKSKRANT MAGAZINE** images here. "Jaap's work makes me smile," says Biemans. "He's the only one I'd let photograph my house. He's always trying to make something witty. A shoot like this is normally neat and styled, he likes to make a mess." **Ends Web: coverjunkie.com**

**03** **Lily Cole portrait**  
 "I love this photograph. It's by photographer Robin de Puy. She won the Dutch National Portrait Prize in 2013."

PHOTOGRAPHY: JAAP SCHEEREN, JAAP SCHEEREN

- 04**  
**Neon**  
 "U NU is the shortest poem ever written in the Netherlands. It's by Dutch poet Joost van den Vondel and was written in Amsterdam in 1620. It reminds me to enjoy life, now!"
- 05**  
**Covers**  
 "What can I say? I'm addicted to magazine covers! So much so, I have them hanging on my wall. The covers on display change every other month. Included here is the classic 1981 **ROLLING**
- 06**  
**Sofa**  
 "It's nine metres long. Too bad it's 4cm too long to fit in the room. I took the saw out of the garage and started messing it up. There was plenty of cursing 'cos I didn't measure up properly."
- 07/08**  
**Light**  
 "Moooi Dear Ingo lamp designed by Ron Gilad. I want everything from Moooi!"  
**Box**  
 "That's my girlfriend in there. It was Jaap's idea. That's what he's all about... make it fun!"
- 09**  
**Coffee maker**  
 "Ah, the Faema President coffee maker. It's maybe the most classic espresso machine in the world. This beauty delivers. I drink two coffees a day... and they gotta be good!"





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The super ace Jaap Biemans (aka Coverjunkie) shows us around his oh-so-hot Amsterdam pad



**01/02** Yellow 3D printed chairs / Bowie vinyl  
"The chairs are designed by Dirk Vander Kooij, a new and promising designer out of the Netherlands. My turntable is in the cupboard. Just this year I rediscovered my Bowie record. That artwork... ace!"

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**Covers**  
"What can I say? I'm addicted to magazine covers! So much so, I have them hanging on my wall. The covers on display change every other month. Included here is the classic 1981 **ROLLING**

06

**STONE** cover with John and Yoko; the first ever issue of **INTERVIEW**; Andy Warhol in a can of Campbell's soup designed by George Lois; and my own **COVERJUNKIE MAGAZINE**. Publishing it gave me the acst feeling."

07/08

**Light**  
"Moooi Dear Ingo lamp designed by Ron Gilad. I want everything from Moooi!"  
**Box**  
"That's my girlfriend in there. It was Jaap's idea. That's what he's all about... make it fun!"

09

**Coffee maker**  
"Ah, the Faema President coffee maker. It's maybe the most classic espresso machine in the world. This beauty delivers. I drink two coffees a day... and they gotta be good!"



06

07

09

08

# How much horizontal space between columns?

The horizontal space between columns is called the **gutter**. It can be whatever size you want, but should be large enough that the reader can intuitively reason where a line in a column ends and the next begins. It's good practice to set the size of the gutter the same as the leading of the body copy.



# EXAMPLE

1. Margins
2. Columns
- 3. Rows**

**We line up type  
on a grid by the  
baseline.**

To have one text block  
on the grid by feel like  
it relates to another on  
the grid, we line up the  
baselines of the type in  
the two boxes.

Doesn't this text block just  
feel harmonious with the  
one on the left, even though  
this is larger?

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**We line up  
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grid by the  
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This same rule applies, even if the type is of two different sizes. In fact, this contrast is nice because it makes the layout more dynamic.

To have one text block on the grid by feel like it relates to another on the grid, we line up the baselines of the type in the two boxes.

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**BASELINE GRID  
IS 64 PX**

**We line up  
type on a  
grid by the  
baseline.**

↑  
**LEADING  
IS 108 PX**

**LEADING  
IS 64 PX**

↓  
This same rule applies, even if the type is of two different sizes. In fact, this contrast is nice because it makes the layout more dynamic.

↑  
To have one text block on the grid by feel like it relates to another on the grid, we line up the baselines of the type in the two boxes.

↑  
**LEADING  
IS 32 PX**



**Let's add an image!**

When adding an image, the proportions of the image should also be based off of the grid, spanning in both height and width an even number of grid units.

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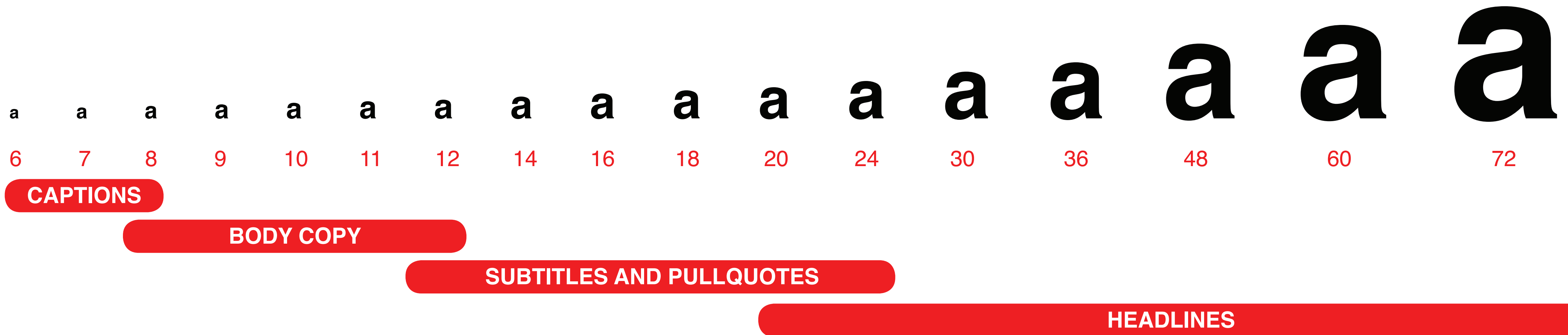
## **Some guidance**

Use fewer typefaces.

Use fewer weights.

Use fewer sizes.

In most cases, certain type sizes work better for certain applications.



**LET'S BUILD  
A GRID!**

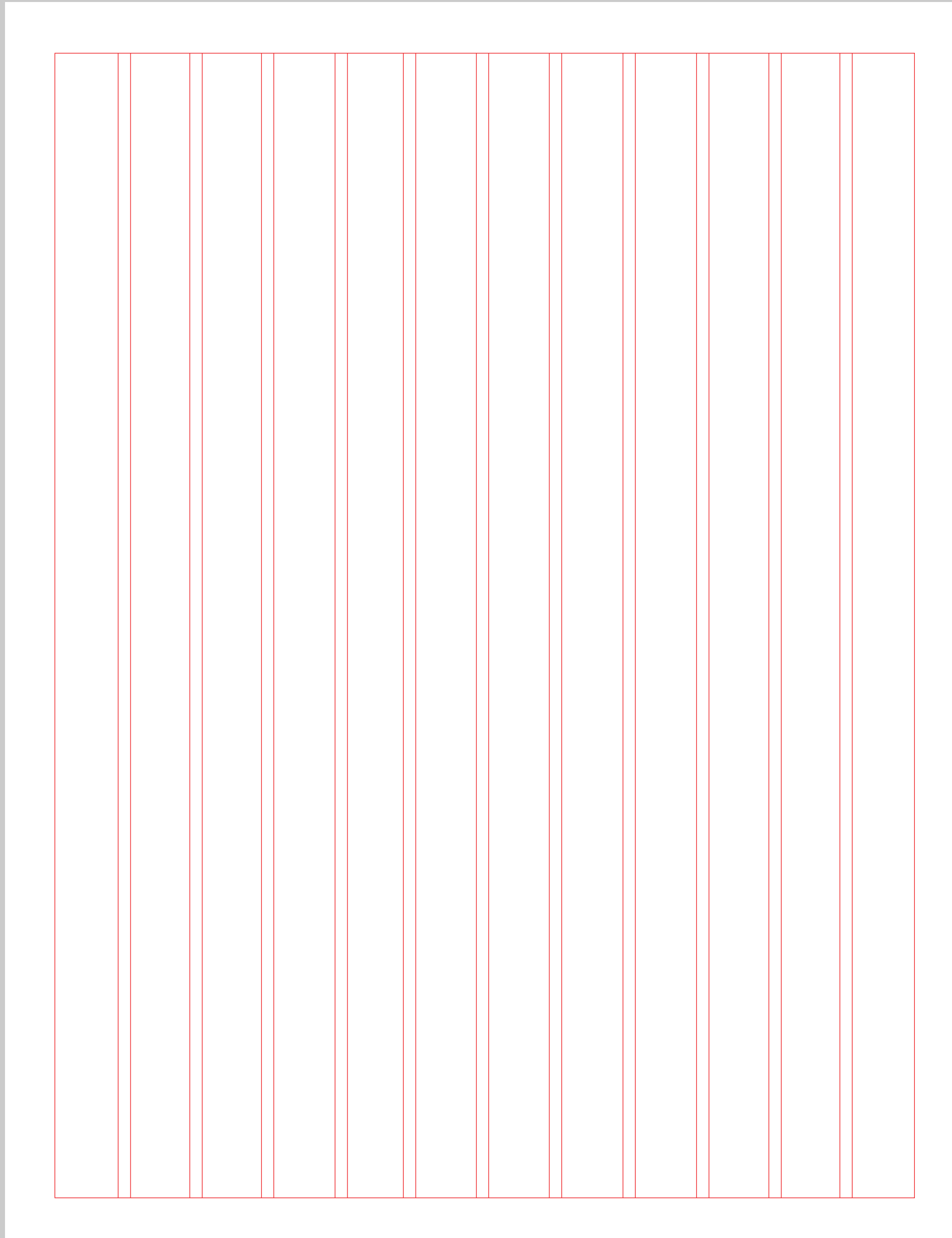
## Adding vertical and horizontal grid

Vertical: **Layout > Margins and Columns**

Baseline: **InDesign > Preferences > Grids**

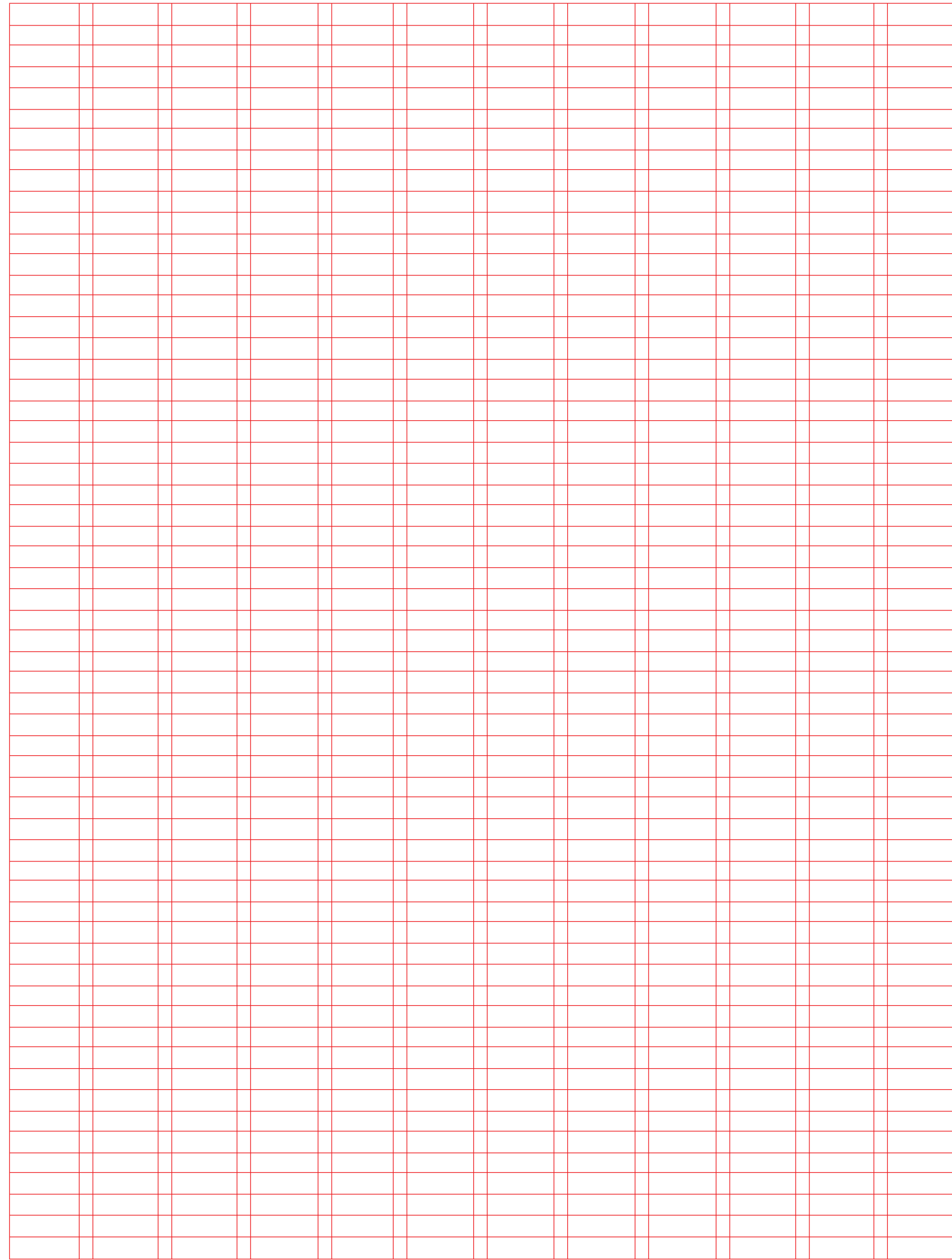
**(View > Grids > Show Baseline Grids)**

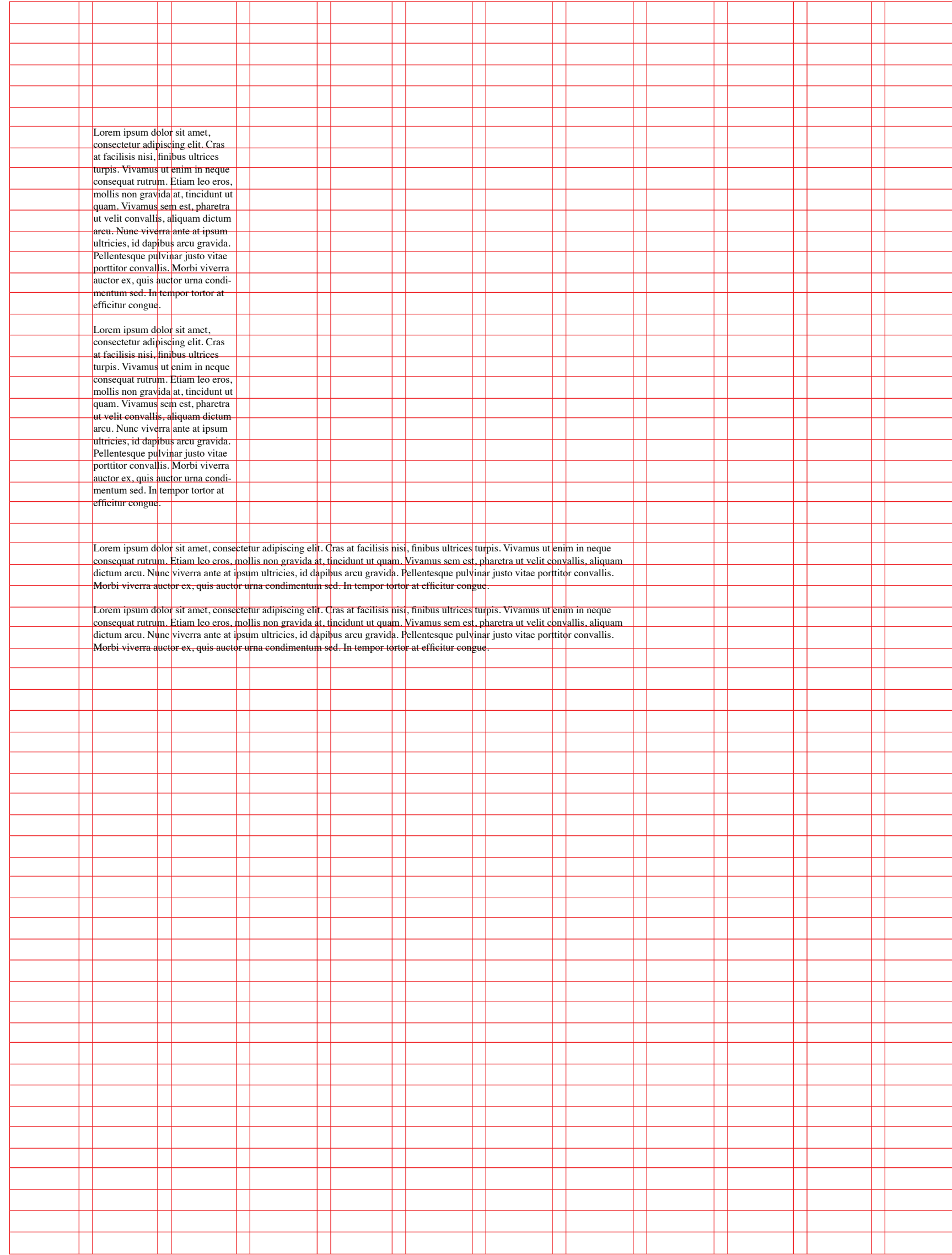
‘W’ turns grids on and off.



## Here we go!

Our 12 columns are placed, and a baseline grid has been added to work with. The foundation of the design has been laid, so it's time to work with it.



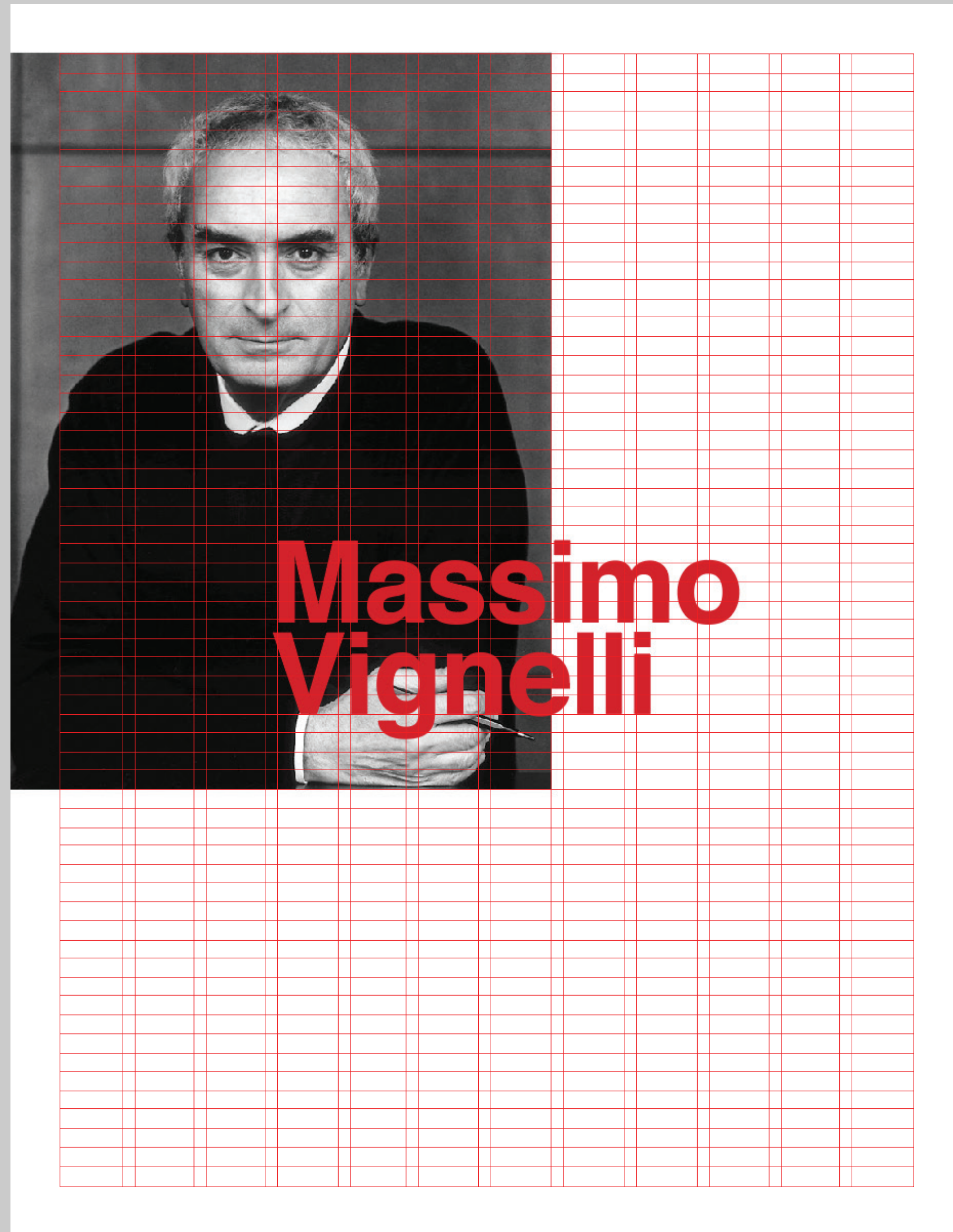


# Text Test

Typeset a block of placeholder text, to see the smallest reasonable width for a block of text, and the largest number of columns to span one block of text.

Looks like our text blocks will be between 2 and 7 columns.

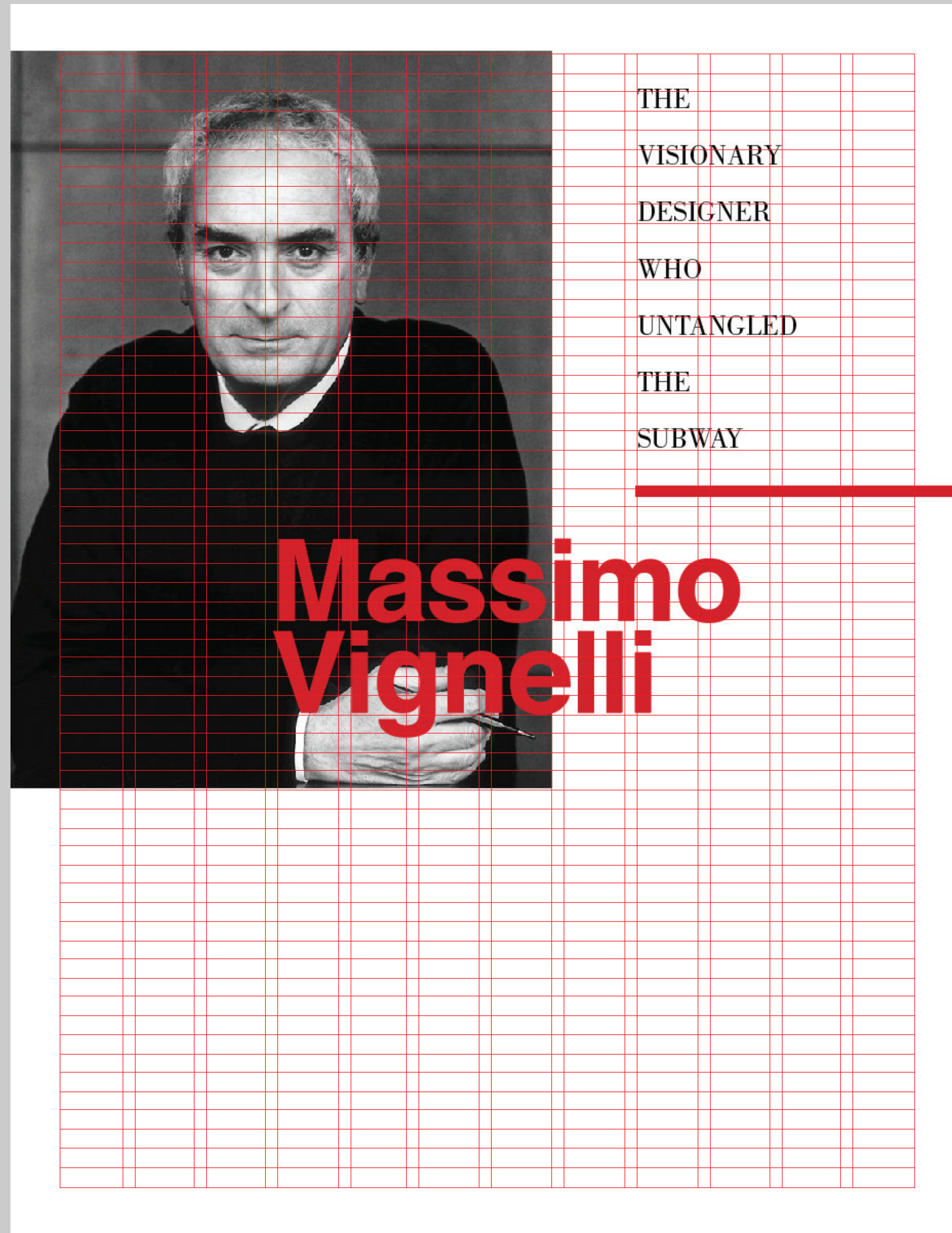




## Place Elements in Descending Order

Start with the focal points and largest elements. These are usually the hardest to place on the page. Work your way to smaller, easier to place items. You should be working off of a sketch.

With some elements, it's okay to break the grid for interest, but it should not be done so often as to destruct the grid.



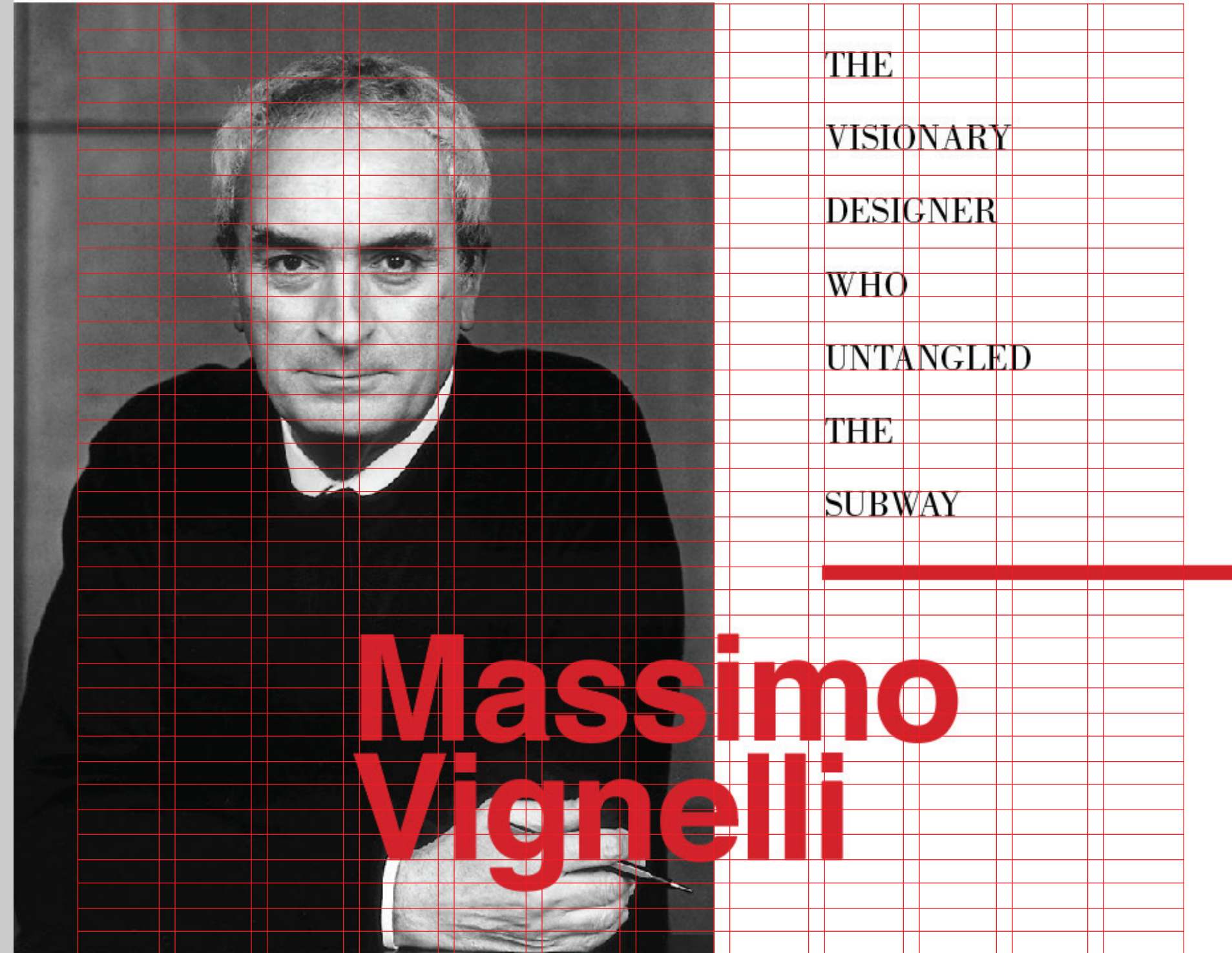
## Place Elements in Descending Order

Adding the subtitle. Note the hierarchy, and also the typeface selections and weights.

Pay attention to the movement and counter movements with the typography. (Vertical movement versus horizontal), how color is used and the purpose of the rule.

# Place Elements in Descending Order

Placing in the body copy, then adding a caption for the image.



**BY: Douglas Martin**

Massimo Vignelli, an acclaimed graphic designer who gave shape to his spare, Modernist vision in book covers and shopping bags, furniture and corporate logos, even a church and a New York City subway map that enchanted aesthetes and baffled straphangers, died on Tuesday at his home in Manhattan. He was 83.

His death, after a long illness, was confirmed by Carl Nolan, a longtime employee of Mr. Vignelli's.

An admirer of the architects Mies van der Rohe and Le Corbusier, Mr. Vignelli moved to New York from Italy in the mid-1960s with the hope of propagating a design aesthetic inspired by their ideal of functional beauty.

He preached clarity and coherence and practiced them with intense discipline in everything he turned out, whether kitchenware, public signage, books or home interiors.

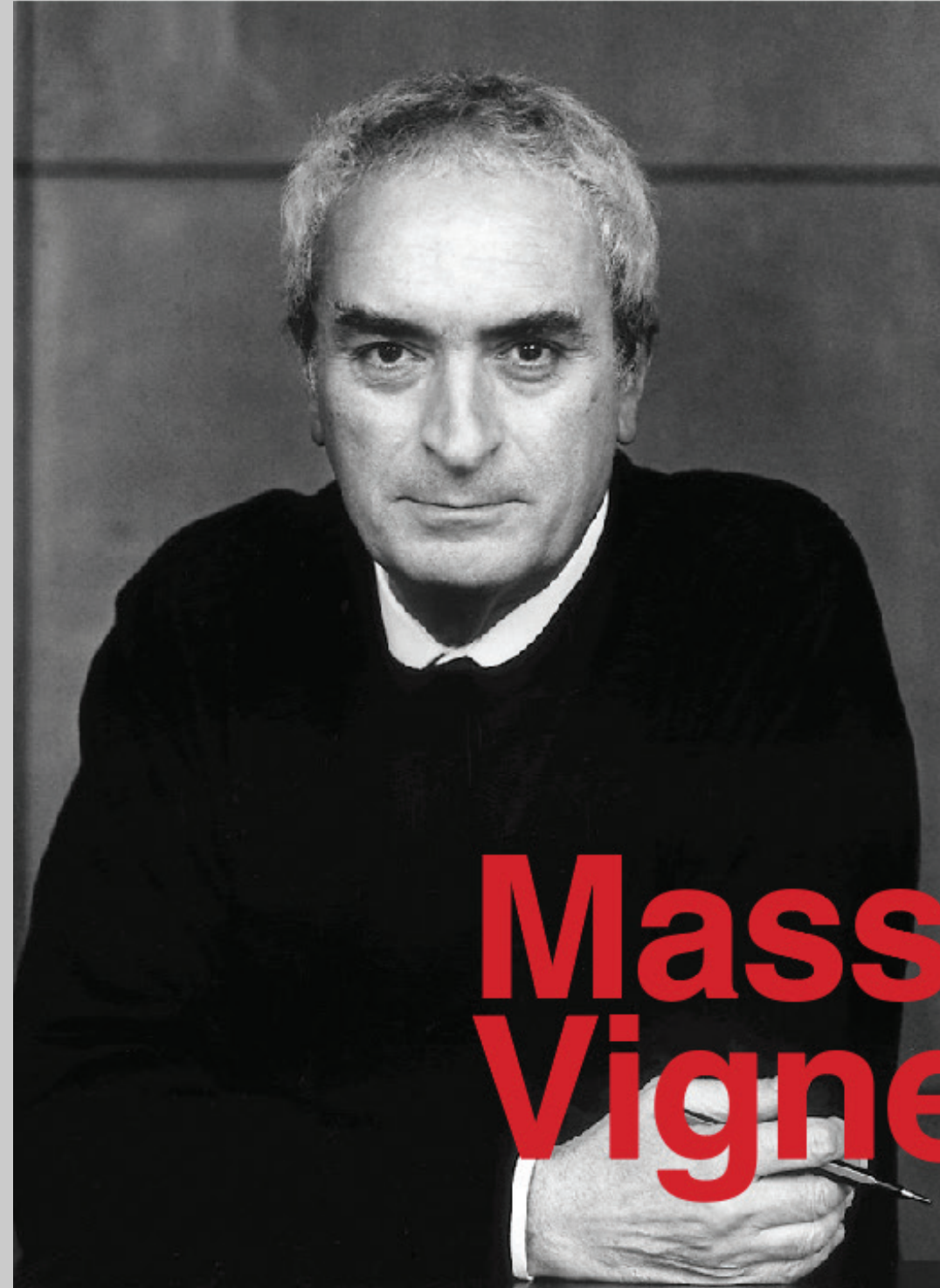
"Massimo, probably more than anyone else, gets the credit for introducing a European Modernist point of view to American graphic design," Michael Bierut, a partner at Pentagram, a

leading graphic design firm, said.

Mr. Vignelli's work has been shown in North America and Europe. It is in the permanent collections of the Museum of Modern Art, the Metropolitan Museum of Art, the Cooper-Hewitt National Design Museum in New York, as well as museums in Philadelphia, Montreal, Jerusalem, Munich and Hamburg, Germany.

His clients included American Airlines, Ford, IBM, Xerox and Gillette. St. Peter's Lutheran Church in Manhattan had him design an entire church. His brochures for the National Park Service are still used. Bloomingdale's, Saks Fifth Avenue and Barneys all gave out Vignelli-designed shopping bags in the 1970s. He designed the signs for the New York and Washington subways and suggested the name Metro for the Washington system.

Mr. Vignelli described himself as an "information architect," one who structures information to make it more understandable. But when the Metropolitan Transportation Authority



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SUBWAY

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