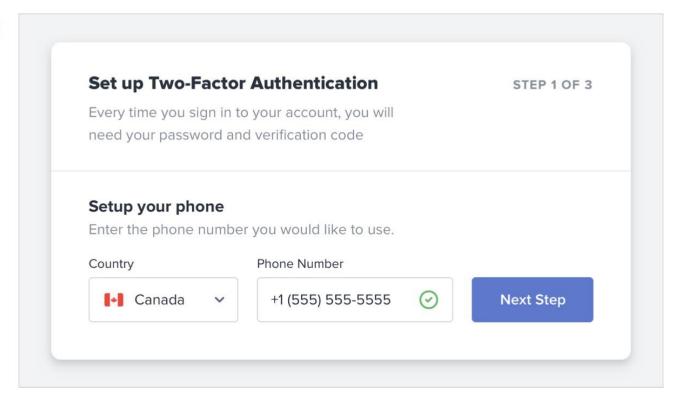
## Front-end Design

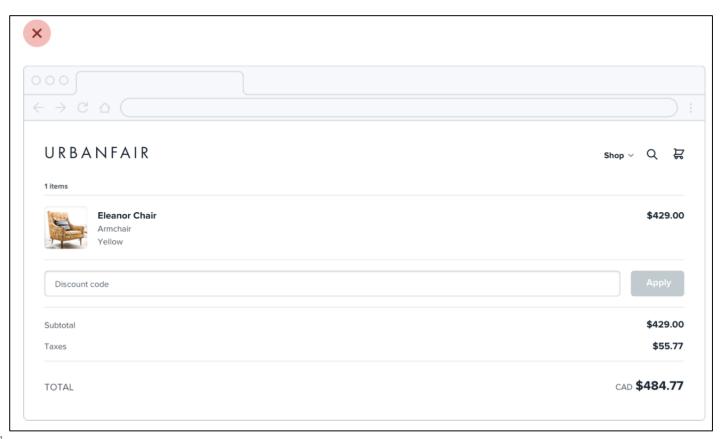
Hoang Thi Kieu Hoa

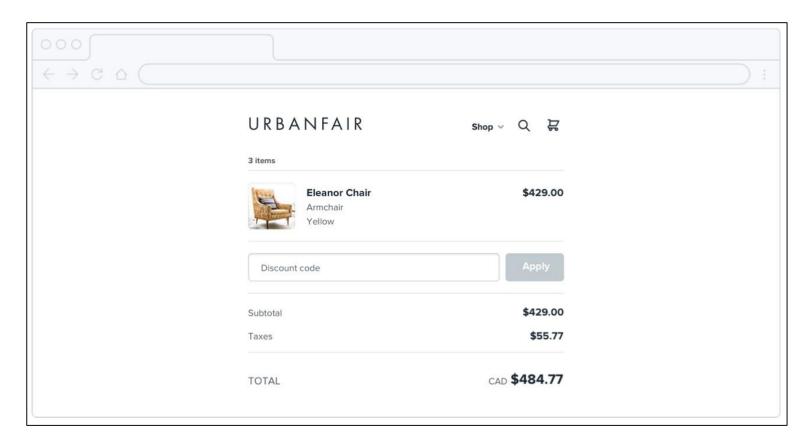


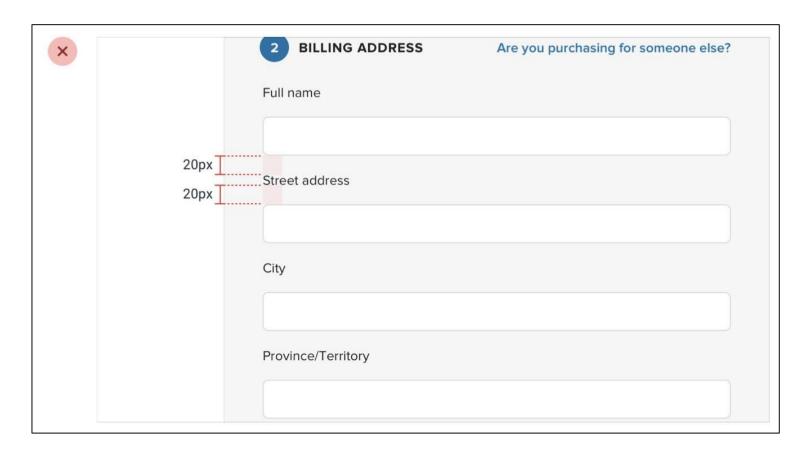


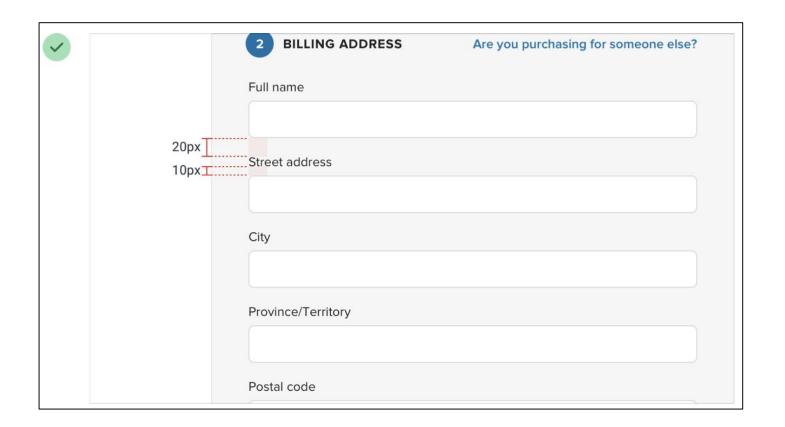


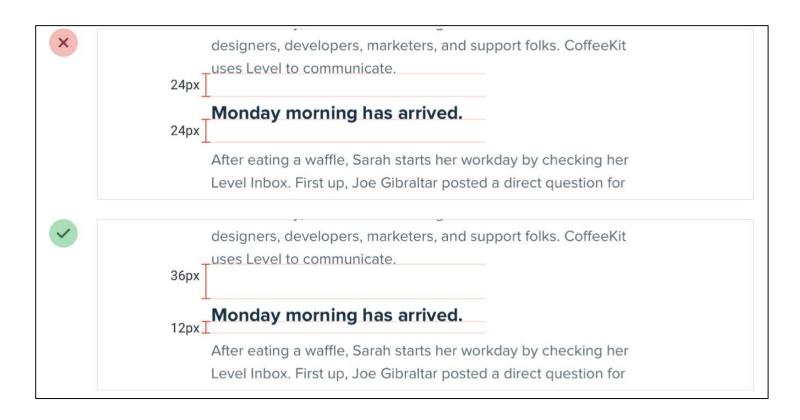


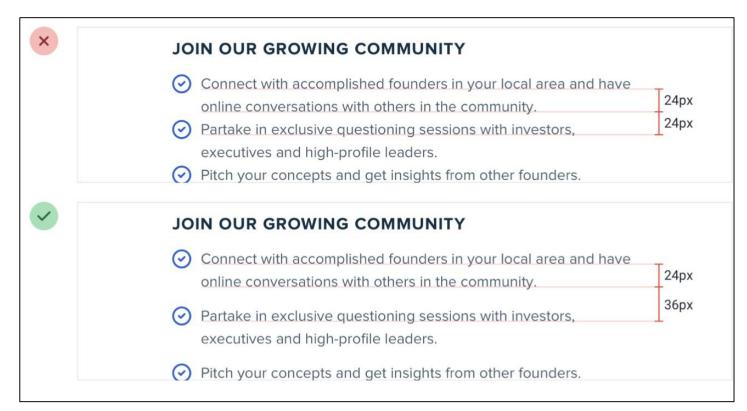




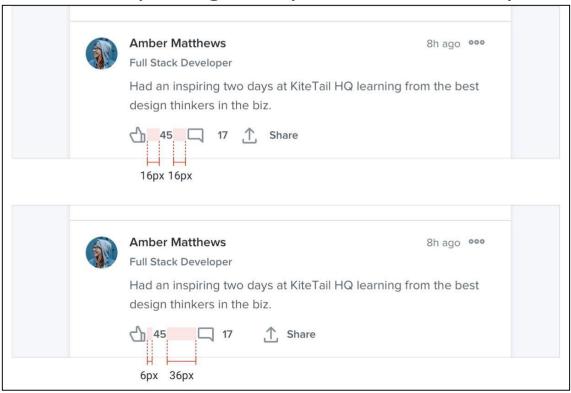








It's not just vertical spacing that you have to worry about:



 Rule of thumb: Whenever you're relying on spacing to connect a group of elements, always make sure there's more space around the group than there is within it — UI that are hard to understand always look worse.

### Lines that are too long, making text harder to read



#### ~120 characters per line

Call me Ishmael. Some years ago—never mind how long precisely—having little or no money in my purse, and nothing particular to interest me on shore, I thought I would sail about a little and see the watery part of the world. It is a way I have of driving off the spleen and regulating the circulation. Whenever I find myself growing grim about the mouth; whenever it is a damp, drizzly November in my soul; whenever I find myself involuntarily pausing before coffin warehouses, and bringing up the rear of every funeral I meet; and especially whenever my hypos get such an upper hand of me, that it requires a strong moral principle to prevent me from deliberately stepping into the street, and methodically knocking people's hats off—then, I account it high time to get to sea as soon as I can. This is my substitute for pistol and ball. With a philosophical flourish Cato throws himself upon his sword; I quietly take to the

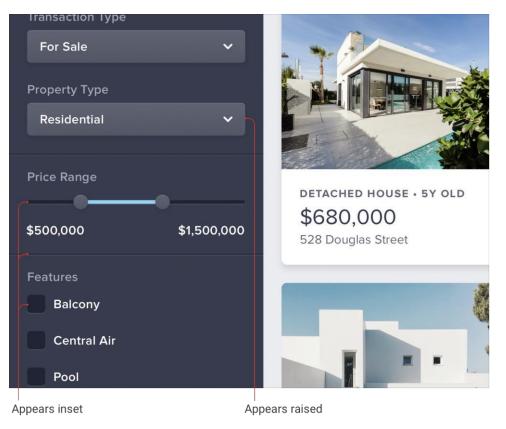
 For the best reading experience, make your paragraphs wide enough to fit between 45 and 75 characters per line

| 55 - 65 characters per line | There was no possibility of taking a walk that day. We had been wandering, indeed, in the leafless shrubbery an hour in the morning; but since dinner (Mrs. Reed, when there was no company, dined early) the cold winter wind had brought with it clouds so sombre, and a rain so penetrating, that further out-door exercise was now out of the question. |
|-----------------------------|---|
| 65 - 75 characters per line | There was no possibility of taking a walk that day. We had been wandering, indeed, in the leafless shrubbery an hour in the morning; but since dinner (Mrs. Reed, when there was no company, dined early) the cold winter wind had brought with it clouds so sombre, and a rain so penetrating, that further out-door exercise was now out of the question. |

## Line-height and paragraph width should be proportional



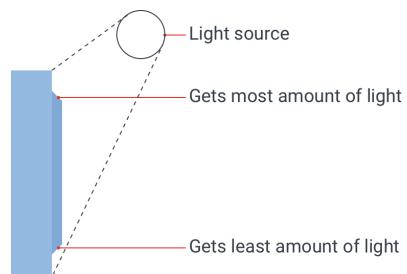
Have you ever noticed how some elements in an interface feel like they're raised off of the page, while others feel like they are inset into the background?



## Light comes from above



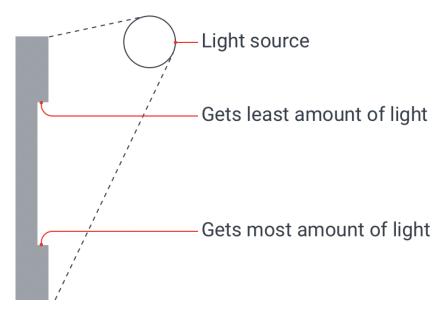
 Notice how the top edge of the panel is lighter? That's because it's angled towards the sky and receives more light. Similarly, the bottom edge is darker because it's angled away from the sky, receiving less light.

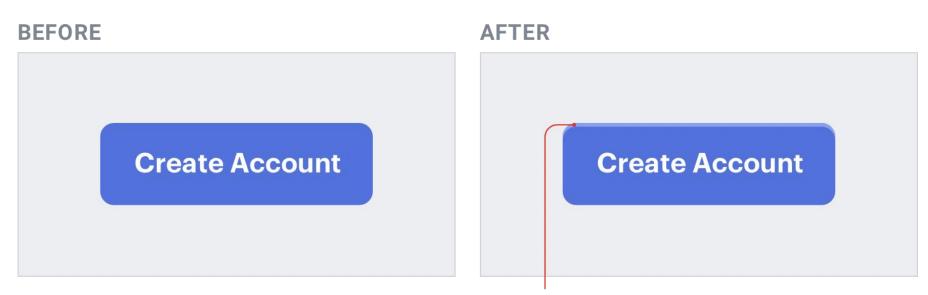


## Now take a look at the panelling on this cabinet:



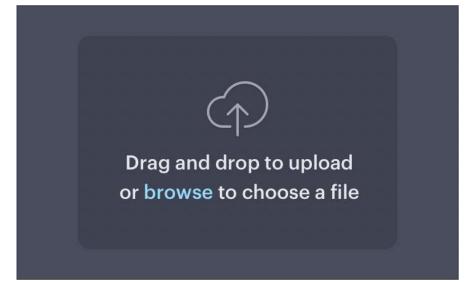
In this case it's clear that the panels are *inset* because there's a shadow at the top indicating that the lip above is blocking the light, and the bottom edge is lighter, indicating that it's angled upward.



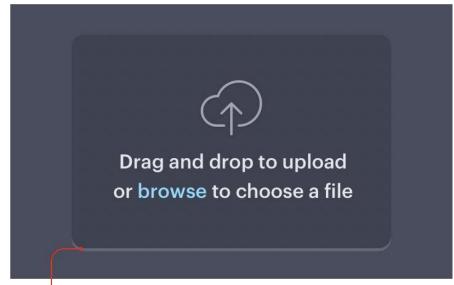


box-shadow: inset 0 1px 0 hsl(224, 84%, 74%);

#### **BEFORE**



#### **AFTER**



box-shadow: 0 2px 0 hsla(0, 0%, 100%, .15);







#### **ENTIRE APARTMENT**

## Modern Studio in Central San Francisco

\$120 USD per night

 $\star$   $\star$   $\star$   $\star$   $\star$  23



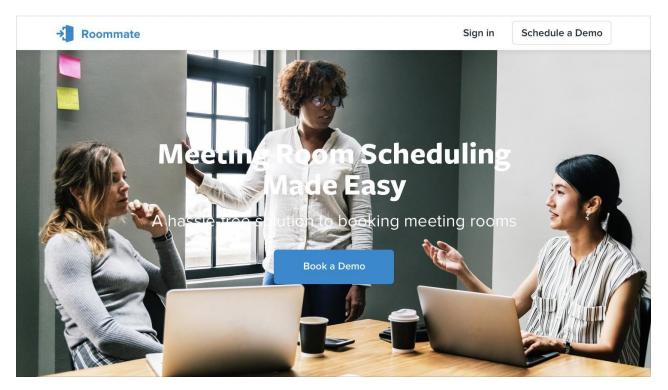
#### **ENTIRE APARTMENT**

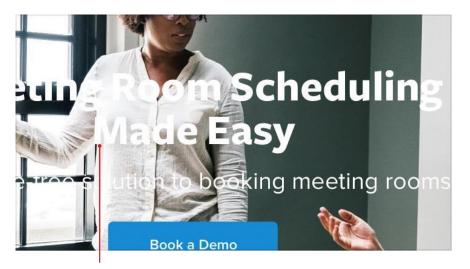
#### **Modern Studio in Central San Francisco**

\$120 USD per night

 $\star\star\star\star\star$  23





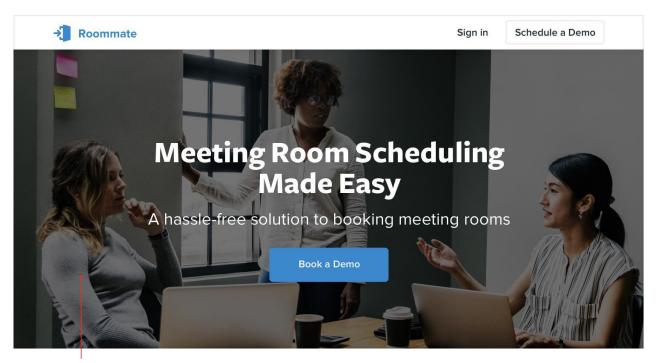




Too light Too dark



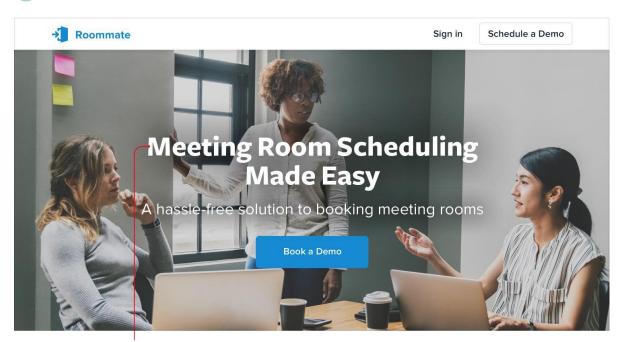
### Add an overlay



background-color: hsla(0, 0%, 0%, .55);

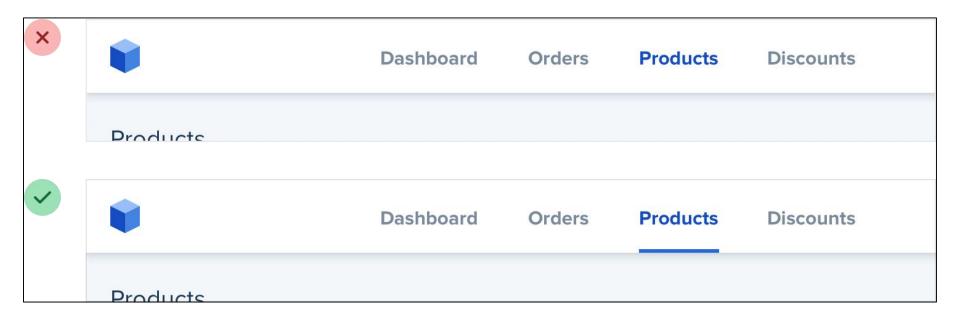


### Add text shadow



text-shadow: 0 0 50px hsla(0, 0%, 0%, .4);

## Highlight user navigation



# Thank you