

Converting Colors

XYZ(69.3871, 63.0308, 56.0860)

Have a look what the booklet for
XYZ(69.3871, 63.0308, 56.0860)
contains.

XYZ(69.3871, 63.0308, 56.0860)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.3871, 63.0308,
56.0860)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1BC
RGB	255, 193, 188
RGB Percent	100%, 76%, 74%
CMY	0.0000, 0.2431, 0.2627
CMYK	0.00, 0.24, 0.26, 0.00
HSL	4°, 100%, 87%
HSV	4°, 26%, 100%
XYZ	69.3871, 63.0308, 56.0860
YIQ	210.9680, 38.5570, 11.5890

Conversions

Conversions Part 2

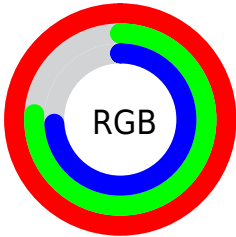
Format	Color
R _Y B	255, 193, 188
Decimal	16761276
CIE Lab	83.46, 21.51, 11.16
CIE LCh	83, 24.232, 27.416
Yxy	63.0308, 0.3681, 0.3344
Android (android.graphics.Color)	4294951356 (0xFFFFC1BC)
YUV	210.9680, -11.3232, 38.6161
Hunter-Lab	79.3919, 17.0698, 13.6893

Details

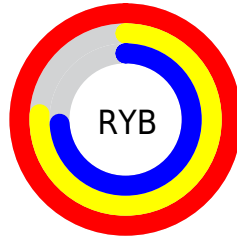
The XYZ color **69.3871, 63.0308, 56.0860** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.9734, 86.2797, 107.4153**, and the grayscale version is **61.9517, 65.1780, 70.9789**.

A 20% lighter version of the original color is **91.7547, 96.1629, 99.3132**, and **36.6318, 32.0848, 27.1840** is the 20% darker color. If you saturate the color by 10%, you get **62.0709, 52.4157, 41.2623**, and if you desaturate by 10%, it is **78.0242, 75.5101, 73.7476**.

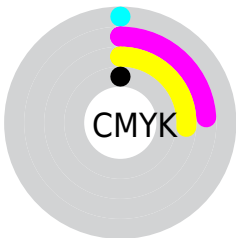
Distribution



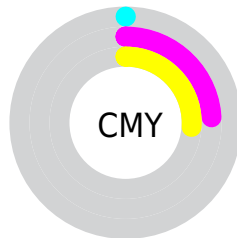
- Red (100%)
- Green (76%)
- Blue (74%)



- Red (100%)
- Yellow (76%)
- Blue (74%)



- Cyan (0%)
- Magenta (24%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.3871, 63.0308, 56.0860 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 69.3871, 63.0308, 56.0860 by changing the saturation by 10% instead.


 69.3871, 63.0308,
56.0860

 69.3871, 63.0308,
56.0860


447.6951,
435.6813, 427.4129

 51.3048, 45.8661,
39.8674

 117.3653,
109.2139, 100.6174

 36.6733, 32.1402,
27.1222


147.9920,
139.0012, 129.7672

 25.1271, 21.4686,
17.4318


183.5309,
173.7648, 164.0646

 16.3010, 13.4670,
10.3776

224.3472,
213.8891, 203.9280

 9.8296, 7.7509,
5.5412

270.8065,
259.7585, 249.7760

 5.3475, 3.9360,
2.5039

323.2740,

 2.4894, 1.6378,

311.7574, 302.0271

0.8422

382.1151,
370.2702, 361.0999

■ 0.8899, 0.3829,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.3871, 63.0308,
56.0860

■ 69.3871, 63.0308,
56.0860

■ 62.0709, 52.4157,
41.2623

■ 78.0242, 75.5101,
73.7476

■ 56.0060, 43.5673,
29.1249

■ 88.0382, 89.9280,
94.3802

■ 51.1237, 36.3922,
19.5140

95.0500, 100.0000,
108.9000

■ 47.3463, 30.7849,
12.2510

■ 44.5871, 26.6279,
7.1345

■ 42.7464, 23.7873,
3.9286

■ 41.7035, 22.1038,
2.3413

■ 41.4737, 21.7274,
2.0079

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.6415, 63.0308, 69.9501



69.3871, 63.0308, 56.0860



65.5482, 63.0308, 46.9176

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.3871, 63.0308, 56.0860



51.7500, 63.0308, 54.1232



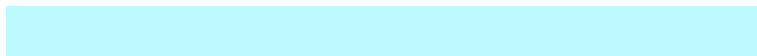
59.4520, 63.0308, 101.9914

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.3871, 63.0308, 56.0860



72.9734, 86.2797, 107.4153

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.6027, 63.0308, 96.1802



69.3871, 63.0308, 56.0860



50.3224, 63.0308, 67.3263

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.3871, 63.0308, 56.0860



55.3519, 63.0308, 45.9069



51.3357, 63.0308, 82.9170



64.7094, 63.0308, 97.8324

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



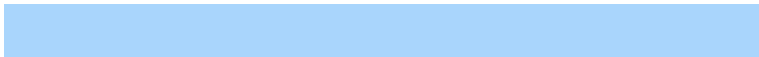
69.3871, 63.0308, 56.0860



62.1497, 63.0308, 43.9701



51.3357, 63.0308, 82.9170



57.7226, 63.0308, 101.1222

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.3886, 63.0336, 56.0873



86.2088, 87.2974, 90.6010



76.5626, 64.1627, 99.2310



18.1183, 18.2049, 18.7033



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.3886, 63.0336, 56.0873



65.0412, 56.7319, 47.2607



77.5047, 79.2658, 58.7926



18.1183, 18.2049, 18.7033



21.7097, 11.4307, 1.0621



2.1498, 1.1850, 0.1154

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



72.9734, 86.2797, 107.4153



69.2183, 83.8421, 107.1427



63.6110, 67.5548, 104.2945



18.4319, 20.2354, 23.1843



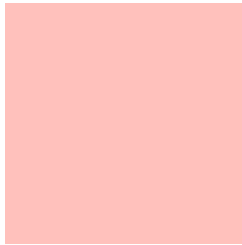
25.1464, 35.2023, 54.9040



2.4816, 3.4940, 5.3569

Previews

White Background



This preview shows how the XYZ color 69.3871, 63.0308, 56.0860 looks on a white background.

Color Contrast Check

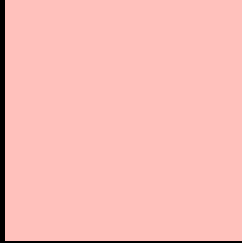
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 69.3871, 63.0308, 56.0860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.3871, 63.0308, 56.0860

Background



This preview shows how black text looks on a background with the XYZ color 69.3871, 63.0308, 56.0860.



This preview shows how white text looks on a background with the XYZ color 69.3871, 63.0308,

56.0860.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69.3871, 63.0308, 56.0860

Protanopia

60.5440, 63.5443, 61.2988

Deuteranopia

64.4484, 63.1940, 55.8146



Tritanopia

70.8902, 62.9294, 66.1679

Trichromacy



Original Color

69.3871, 63.0308, 56.0860

Protanomaly

63.6147, 63.3851, 59.3338

Deuteranomaly

66.1259, 63.0307, 55.6946

Tritanomaly

70.3984, 63.0828, 62.4986

Monochromacy



Original Color

69.3871, 63.0308, 56.0860

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

64.0509, 63.8284, 65.4442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3871, 63.0308, 56.0860 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 193, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 188)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 193, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 188) }
```

Border

The CSS property to change the border of an element to XYZ 69.3871, 63.0308, 56.0860 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 193, 188) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 193, 188) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 193, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3871, 63.0308, 56.0860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 188) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
193, 188) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor