

Converting Colors

XYZ(68.5474, 62.9837, 66.4719)

Have a look what the booklet for
XYZ(68.5474, 62.9837, 66.4719)
contains.

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Color

**XYZ(68.5406, 63.0308,
66.3113)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C3CD
RGB	246, 195, 205
RGB Percent	96%, 76%, 80%
CMY	0.0353, 0.2353, 0.1961
CMYK	0.00, 0.21, 0.17, 0.04
HSL	348°, 74%, 86%
HSV	348°, 21%, 96%
XYZ	68.5406, 63.0308, 66.3113
YIQ	211.3890, 27.1860, 13.9220

Conversions

Conversions Part 2

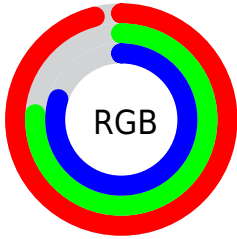
Format	Color
R _Y B	246, 195, 205
Decimal	16171981
CIE _{Lab}	83.46, 19.67, 1.95
CIE _{LCh}	83, 19.769, 5.670
Yxy	63.0308, 0.3464, 0.3185
Android (android.graphics.Color)	4294362061 (0xFF6C3CD)
YUV	211.3890, -3.1498, 30.3538
Hunter-Lab	79.3919, 15.1666, 6.0530

Details

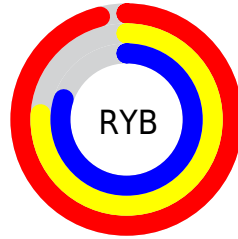
The XYZ color **68.5406, 63.0308, 66.3113** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.6043, 83.5714, 91.7706**, and the grayscale version is **62.1831, 65.4215, 71.2440**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **36.0971, 32.1029, 33.5721** is the 20% darker color. If you saturate the color by 10%, you get **61.2378, 52.0070, 52.8333**, and if you desaturate by 10%, it is **77.0568, 75.9970, 81.6842**.

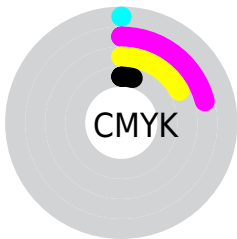
Distribution



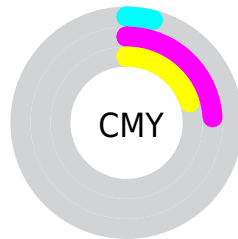
- Red (96%)
- Green (76%)
- Blue (80%)



- Red (96%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (21%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.5406, 63.0308, 66.3113 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 68.5406, 63.0308, 66.3113 by changing the saturation by 10% instead.


 68.5406, 63.0308,
66.3113

 68.5406, 63.0308,
66.3113


444.7558,
435.6813, 465.9239

 50.6129, 45.8661,
48.0671


 116.1628,
109.2139, 115.5643

 36.1205, 32.1402,
33.5196


146.5881,
139.0012, 147.4101

 24.6978, 21.4686,
22.2504


181.9100,
173.7648, 184.6269

 15.9796, 13.4670,
13.8410

222.4939,
213.8891, 227.6332

 9.6004, 7.7509,
7.8727

268.7050,
259.7585, 276.8475

 5.1951, 3.9360,
3.9270

320.9088,

 2.3981, 1.6378,

311.7574, 332.6883

1.5854

379.4706,
370.2702, 395.5743

■ 0.8442, 0.3829,
0.2803

■ 0.0000, 0.0000,
0.0000

■ 68.5406, 63.0308,
66.3113

■ 68.5406, 63.0308,
66.3113

■ 61.2378, 52.0070,
52.8333

■ 77.0568, 75.9970,
81.6842

■ 55.0874, 42.8237,
41.1724

■ 86.8330, 90.9840,
99.0178

■ 50.0311, 35.3827,
31.2510

■ 91.8163, 98.3330,
108.7487

■ 46.0034, 29.5731,
22.9845

■ 42.9313, 25.2713,
16.2809

■ 40.7323, 22.3358,
11.0388

■ 39.3087, 20.5980,
7.1443

■ 38.5444, 19.8082,
4.6119

Harmonies

Analogous

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



67.7826, 63.0308, 78.8808



68.5406, 63.0308, 66.3113



66.8974, 63.0308, 55.6984

Triad

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



68.5406, 63.0308, 66.3113



55.2048, 63.0308, 51.0964



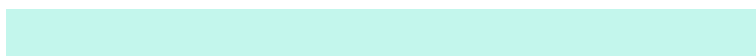
56.5588, 63.0308, 92.6095

Complementary

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



68.5406, 63.0308, 66.3113



70.6043, 83.5714, 91.7706

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.



53.4249, 63.0308, 83.4221



68.5406, 63.0308, 66.3113



52.6698, 63.0308, 59.3078

Square

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



68.5406, 63.0308, 66.3113



59.0938, 63.0308, 47.6158



52.0341, 63.0308, 71.0018



60.7315, 63.0308, 95.0633

Rectangle

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



68.5406, 63.0308, 66.3113



64.7056, 63.0308, 50.8353



52.0341, 63.0308, 71.0018



55.3553, 63.0308, 90.1567

Sweetspot

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



68.5424, 63.0337, 66.3126



88.4441, 89.8566, 97.2384



70.6774, 63.4857, 95.7183



18.7833, 19.0072, 20.5515



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.



68.5424, 63.0337, 66.3126



70.7940, 62.9782, 65.3917



70.9791, 69.7770, 61.3605



16.6319, 16.5356, 17.8081



20.6121, 10.5883, 2.6657



1.8463, 0.9445, 0.4169

Inverse Universe

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



68.5424, 63.0337, 66.3126



70.7940, 62.9782, 65.3917



67.6345, 75.2421, 98.1479



16.6319, 16.5356, 17.8081



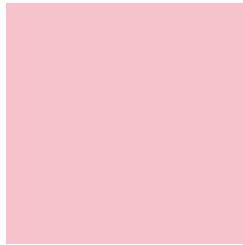
20.6121, 10.5883, 2.6657



1.8463, 0.9445, 0.4169

Previews

White Background



This preview shows how the XYZ color 68.5406, 63.0308, 66.3113 looks on a white background.

Color Contrast Check

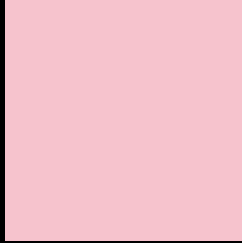
Large Text (above 18pt) WCAG AA × Fail

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 68.5406, 63.0308, 66.3113 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 68.5406, 63.0308, 66.3113

Background



This preview shows how black text looks on a background with the XYZ color 68.5406, 63.0308, 66.3113.



This preview shows how white text looks on a background with the XYZ color 68.5406, 63.0308,

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

68.5406, 63.0308, 66.3113

Protanopia

61.0605, 63.2280, 71.2733

Deuteranopia

64.4189, 62.9559, 65.8832



Tritanopia

69.1582, 62.9612, 68.8293

Trichromacy



Original Color

68.5406, 63.0308, 66.3113

Protanomaly

63.6050, 63.1626, 69.1609

Deuteranomaly

65.9146, 63.0393, 65.8205

Tritanomaly

69.0347, 62.9118, 68.1792

Monochromacy



Original Color

68.5406, 63.0308, 66.3113

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

64.0804, 64.1134, 69.3193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5406, 63.0308, 66.3113 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(246, 195, 205)` looks like.

```
.text, #text, p{  
    color:rgb(246, 195, 205)  
}
```

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(246, 195, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 195, 205) }
```

Border

The CSS property to change the border of an element to XYZ 68.5406, 63.0308, 66.3113 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(246, 195, 205) }
```


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

```
.border{ border-color:rgb(246, 195, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 195, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 195, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 195, 205);  
box-shadow:4px 4px 4px 4px rgb(246, 195,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5406, 63.0308, 66.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 195, 205) }
```

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

```
.background{ background-color: rgb(246,  
195, 205) }
```

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](#).

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