

Converting Colors

XYZ(67.9404, 64.8455, 58.5156)

Have a look what the booklet for
XYZ(67.9404, 64.8455, 58.5156)
contains.

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Color

**XYZ(68.0573, 64.9915,
58.8268)**

Conversions

Conversions Part 1

Format	Color
Hex	F5C9C0
RGB	245, 201, 192
RGB Percent	96%, 79%, 75%
CMY	0.0392, 0.2117, 0.2471
CMYK	0.00, 0.18, 0.22, 0.04
HSL	10°, 73%, 86%
HSV	10°, 22%, 96%
XYZ	68.0573, 64.9915, 58.8268
YIQ	213.1300, 29.1130, 6.5290

Conversions

Conversions Part 2

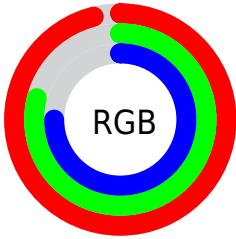
Format	Color
R_{YB}	245, 203, 192
Decimal	16107968
CIE _{Lab}	84.48, 14.22, 10.35
CIE _{LCh}	84, 17.583, 36.049
Yxy	64.9915, 0.3547, 0.3387
Android (android.graphics.Color)	4294298048 (0xFFFF5C9C0)
YUV	213.1300, -10.4171, 27.9500
Hunter-Lab	80.6173, 9.6098, 13.1679

Details

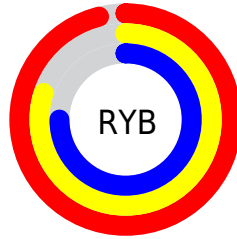
The XYZ color **68.0573, 64.9915, 58.8268** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.2146, 77.7881, 97.8061**, and the grayscale version is **63.3881, 66.6892, 72.6246**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **35.8330, 33.4229, 28.9888** is the 20% darker color. If you saturate the color by 10%, you get **61.1345, 55.1342, 44.2226**, and if you desaturate by 10%, it is **76.0633, 76.2909, 76.0229**.

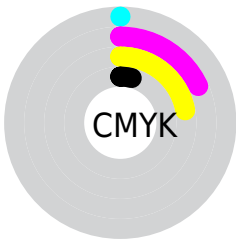
Distribution



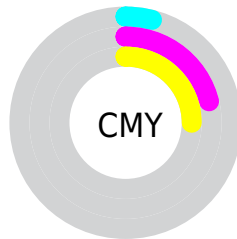
- Red (96%)
- Green (79%)
- Blue (75%)



- Red (96%)
- Yellow (80%)
- Blue (75%)



- Cyan (0%)
- Magenta (18%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0573, 64.9915, 58.8268 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 68.0573, 64.9915, 58.8268 by changing the saturation by 10% instead.


 68.0573, 64.9915,
58.8268

 68.0573, 64.9915,
58.8268

443.0725,
442.7614, 437.9438

 50.2182, 47.4542,
42.0546


 115.4756,
112.0376, 104.6525

 35.8053, 33.3949,
28.8182


145.7855,
142.3153, 134.5432

 24.4533, 22.4291,
18.6989


180.9830,
177.6084, 169.6437

 15.7968, 14.1725,
11.2783

221.4335,
218.3015, 210.3727

 9.4704, 8.2408,
6.1378

267.5023,
264.7790, 257.1486

 5.1088, 4.2494,
2.8589

319.5549,

 2.3467, 1.8140,

317.4252, 310.3901

1.0231

377.9565,
376.6246, 370.5156

■ 0.8184, 0.4959,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.0573, 64.9915,
58.8268

■ 68.0573, 64.9915,
58.8268

■ 61.1345, 55.1342,
44.2226

■ 76.0633, 76.2909,
76.0229

■ 55.2427, 46.6522,
32.0803

■ 85.1912, 89.0782,
95.9242

■ 50.3334, 39.4867,
22.2650

■ 91.4665, 98.1526,
108.7323

■ 46.3520, 33.5710,
14.6268

■ 43.2383, 28.8325,
8.9985

■ 40.9247, 25.1912,
5.1881

■ 39.3329, 22.5562,
2.9662

■ 38.4712, 21.0420,
2.0339

Harmonies

Analogous

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



69.5604, 64.9915, 68.5181



68.0573, 64.9915, 58.8268



64.8773, 64.9915, 52.8428

Triad

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



68.0573, 64.9915, 58.8268



55.1486, 64.9915, 62.3731



62.5688, 64.9915, 94.4274

Complementary

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



68.0573, 64.9915, 58.8268



68.2146, 77.7881, 97.8061

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.



58.7683, 64.9915, 92.3397



68.0573, 64.9915, 58.8268



54.5887, 64.9915, 73.0599

Square

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



68.0573, 64.9915, 58.8268



57.4499, 64.9915, 54.7340



55.8870, 64.9915, 84.2174



66.3067, 64.9915, 89.6546

Rectangle

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



68.0573, 64.9915, 58.8268



62.2923, 64.9915, 51.3718



55.8870, 64.9915, 84.2174



61.2556, 64.9915, 94.5108

Sweetspot

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



68.0591, 64.9945, 58.8281



88.7650, 91.2161, 95.1327



71.6711, 63.1784, 87.9018



18.8588, 19.3272, 20.0558



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.



68.0591, 64.9945, 58.8281



71.0387, 66.2130, 57.0098



74.7317, 78.3397, 61.0524



16.7266, 16.9374, 17.1852



20.7927, 11.4709, 1.1182



1.8911, 1.1355, 0.1195

Inverse Universe

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



68.2146, 77.7881, 97.8061



71.2332, 82.5431, 106.7858



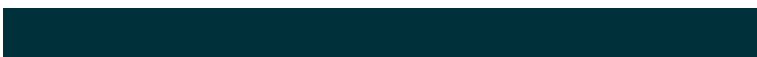
61.1849, 63.7287, 95.4629



16.7431, 18.2505, 21.1828



20.5212, 26.8361, 50.6363



1.8656, 2.4826, 4.4711

Previews

White Background



This preview shows how the XYZ color 68.0573, 64.9915, 58.8268 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 68.0573, 64.9915, 58.8268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

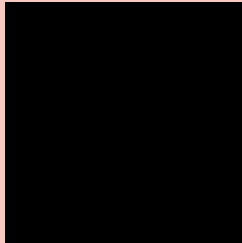
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.0573, 64.9915, 58.8268

Background



This preview shows how black text looks on a background with the XYZ color 68.0573, 64.9915, 58.8268.



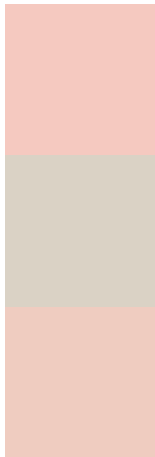
This preview shows how white text looks on a background with the XYZ color 68.0573, 64.9915,

58.8268.

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

68.0573, 64.9915, 58.8268

Protanopia

62.0381, 65.0298, 62.1056

Deuteranopia

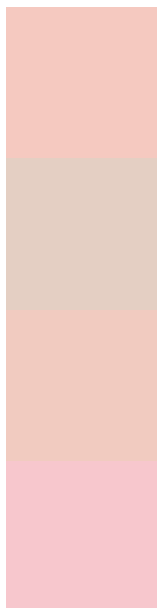
66.7039, 65.3422, 58.9658



Tritanopia

70.9157, 65.1487, 71.7881

Trichromacy



Original Color

68.0573, 64.9915, 58.8268

Protanomaly

64.1581, 65.0598, 60.8061

Deuteranomaly

67.1460, 65.2184, 58.9186

Tritanomaly

69.8006, 65.0288, 66.6305

Monochromacy



Original Color

68.0573, 64.9915, 58.8268

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.8712, 66.0163, 67.0809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0573, 64.9915, 58.8268 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(245, 201, 192)` looks like.

```
.text, #text, p{  
    color:rgb(245, 201, 192)  
}
```

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(245, 201, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 201, 192) }
```

Border

The CSS property to change the border of an element to XYZ 68.0573, 64.9915, 58.8268 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(245, 201, 192) }
```


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

```
.border{ border-color:rgb(245, 201, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 201, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 201, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 201, 192);  
box-shadow:4px 4px 4px 4px rgb(245, 201,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0573, 64.9915, 58.8268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 201, 192) }
```

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

```
.background{ background-color: rgb(245,  
201, 192) }
```

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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