

Converting Colors

XYZ(68.6966, 65.2354, 56.9880)

Have a look what the booklet for
XYZ(68.6966, 65.2354, 56.9880)
contains.

XYZ(68.7834, 65.4039, 57.1430)	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(68.7834, 65.4039,
57.1430)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C9BD
RGB	248, 201, 189
RGB Percent	97%, 79%, 74%
CMY	0.0274, 0.2117, 0.2588
CMYK	0.00, 0.19, 0.24, 0.03
HSL	12°, 81%, 86%
HSV	12°, 24%, 97%
XYZ	68.7834, 65.4039, 57.1430
YIQ	213.6850, 31.8640, 6.2320

Conversions

Conversions Part 2

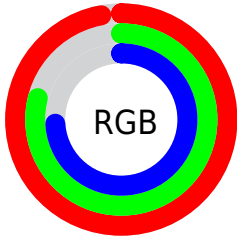
Format	Color
R _Y B	248, 204, 189
Decimal	16304573
CIE Lab	84.69, 14.89, 12.28
CIE LCh	85, 19.300, 39.523
Yxy	65.4039, 0.3595, 0.3418
Android (android.graphics.Color)	4294494653 (0xFFF8C9BD)
YUV	213.6850, -12.1697, 30.0943
Hunter-Lab	80.8727, 10.2897, 14.7178

Details

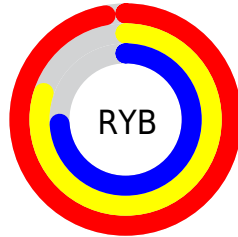
The XYZ color **68.7834, 65.4039, 57.1430** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.9243, 77.5849, 100.2028**, and the grayscale version is **63.7705, 67.0915, 73.0627**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **36.3635, 33.7214, 27.8849** is the 20% darker color. If you saturate the color by 10%, you get **62.0059, 55.7946, 42.7187**, and if you desaturate by 10%, it is **76.6170, 76.3878, 74.1916**.

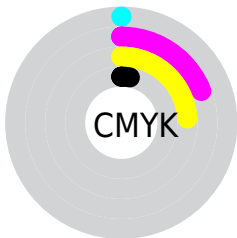
Distribution



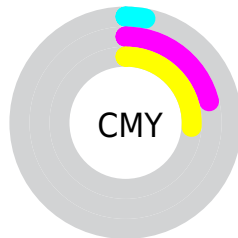
- Red (97%)
- Green (79%)
- Blue (74%)



- Red (97%)
- Yellow (80%)
- Blue (74%)



- Cyan (0%)
- Magenta (19%)
- Yellow (24%)
- Black (3%)





- Cyan (3%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.7834, 65.4039, 57.1430 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 68.7834, 65.4039, 57.1430 by changing the saturation by 10% instead.

 68.7834, 65.4039,
57.1430

 68.7834, 65.4039,
57.1430


445.6000,
444.2420, 431.4937

 50.8113, 47.7887,
40.7099


 116.5079,
112.6303, 102.1762

 36.2789, 33.6596,
27.7745


146.9911,
143.0103, 131.6135

 24.8208, 22.6322,
17.9182


182.3753,
178.4140, 166.2225

 16.0716, 14.3222,
10.7224

223.0260,
219.2258, 206.4219

 9.6660, 8.3451,
5.7687

269.3084,
265.8301, 252.6301

 5.2386, 4.3165,
2.6384

321.5880,

 2.4241, 1.8522,

318.6113, 305.2658

0.9122

380.2301,
377.9538, 364.7475

■ 0.8572, 0.5194,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.7834, 65.4039,
57.1430

■ 68.7834, 65.4039,
57.1430

■ 62.0059, 55.7946,
42.7187

■ 76.6170, 76.3878,
74.1916

■ 56.2333, 47.4966,
30.7841

■ 85.5444, 88.7883,
93.9822

■ 51.4182, 40.4552,
21.1982

■ 92.5216, 98.6966,
108.7817

■ 47.5070, 34.6081,
13.8047

■ 44.4404, 29.8875,
8.4278

■ 42.1519, 26.2188,
4.8645

■ 40.5632, 23.5172,
2.8684

■ 39.8720, 22.2774,
2.1985

Harmonies

Analogous

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



70.7072, 65.4039, 67.3560



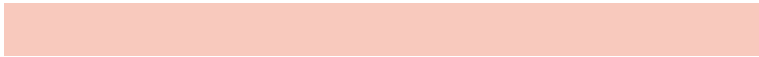
68.7834, 65.4039, 57.1430



65.1110, 65.4039, 51.2004

Triad

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



68.7834, 65.4039, 57.1430



54.7145, 65.4039, 63.2240



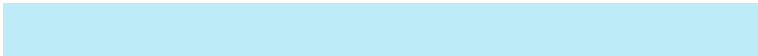
63.5467, 65.4039, 97.2993

Complementary

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



68.7834, 65.4039, 57.1430



67.9243, 77.5849, 100.2028

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.



59.3082, 65.4039, 95.8616



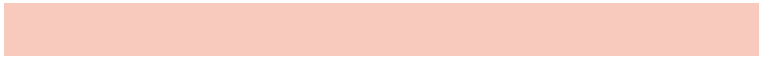
68.7834, 65.4039, 57.1430



54.3391, 65.4039, 75.2160

Square

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



68.7834, 65.4039, 57.1430



57.0347, 65.4039, 54.4193



55.9843, 65.4039, 87.4232



67.5929, 65.4039, 91.1503

Rectangle

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



68.7834, 65.4039, 57.1430



62.2335, 65.4039, 50.0061



55.9843, 65.4039, 87.4232



62.0955, 65.4039, 97.7018

Sweetspot

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



68.7852, 65.4069, 57.1444



87.9388, 90.1648, 93.0044



72.0790, 62.4202, 87.7592



18.6972, 19.1251, 19.6283



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

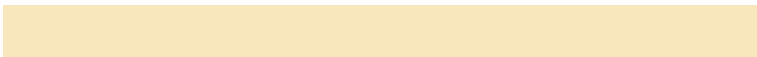
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.7852, 65.4069, 57.1444



69.3474, 64.1218, 52.4647



76.2777, 80.3920, 59.6419



17.5306, 17.7971, 17.9736



21.6177, 12.1921, 1.2139



2.0738, 1.2725, 0.1363

Inverse Universe

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



67.9243, 77.5849, 100.2028



68.2641, 79.3424, 106.3245



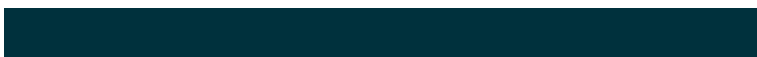
60.1705, 62.0773, 97.6182



17.4483, 18.9734, 22.1279



20.1078, 25.5712, 51.8495



1.9355, 2.5146, 4.8265

Previews

White Background



This preview shows how the XYZ color 68.7834, 65.4039, 57.1430 looks on a white background.

Color Contrast Check

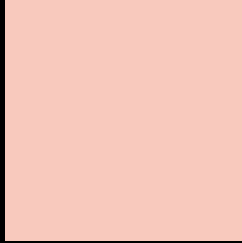
Large Text (above 18pt) WCAG AA × Fail

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 68.7834, 65.4039, 57.1430 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 68.7834, 65.4039, 57.1430

Background



This preview shows how black text looks on a background with the XYZ color 68.7834, 65.4039, 57.1430.



This preview shows how white text looks on a background with the XYZ color 68.7834, 65.4039,

57.1430.

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

68.7834, 65.4039, 57.1430

Protanopia

62.5471, 65.6992, 60.4236

Deuteranopia

66.9456, 65.5173, 56.6947



Tritanopia

71.7602, 65.2458, 71.7623

Trichromacy



Original Color

68.7834, 65.4039, 57.1430

Protanomaly

64.4604, 65.2544, 59.0671

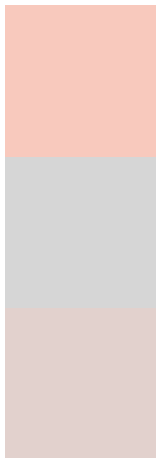
Deuteranomaly

67.7413, 65.5758, 56.6640

Tritanomaly

70.5175, 65.0718, 65.9702

Monochromacy



Original Color

68.7834, 65.4039, 57.1430

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.1839, 66.1775, 67.0956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.7834, 65.4039, 57.1430 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(248, 201, 189)` looks like.

```
.text, #text, p{  
    color:rgb(248, 201, 189)  
}
```

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(248, 201, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 201, 189) }
```

Border

The CSS property to change the border of an element to XYZ 68.7834, 65.4039, 57.1430 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(248, 201, 189) }
```


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

```
.border{ border-color:rgb(248, 201, 189) }
```

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

Here you see how a box with a 4 pixel rgb(248, 201, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 201, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 201, 189);  
box-shadow:4px 4px 4px 4px rgb(248, 201,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 68.7834, 65.4039, 57.1430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 201, 189) }
```

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

```
.background{ background-color: rgb(248,  
201, 189) }
```

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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