

Converting Colors

XYZ(67.4046, 58.3902, 64.5897)

Have a look what the booklet for
XYZ(67.4046, 58.3902, 64.5897)
contains.

XYZ(67.4107, 58.3248, 64.8316)	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(67.4107, 58.3248,
64.8316)**

Conversions

Conversions Part 1

Format	Color
Hex	FBB6CC
RGB	251, 182, 204
RGB Percent	98%, 71%, 80%
CMY	0.0157, 0.2863, 0.2000
CMYK	0.00, 0.27, 0.19, 0.02
HSL	341°, 90%, 85%
HSV	341°, 27%, 98%
XYZ	67.4107, 58.3248, 64.8316
YIQ	205.1390, 34.0620, 21.4700

Conversions

Conversions Part 2

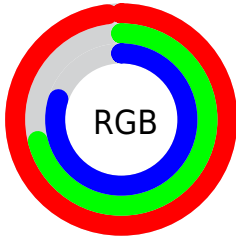
Format	Color
R _Y B	251, 182, 204
Decimal	16496332
CIE Lab	80.92, 28.14, -1.15
CIE LCh	81, 28.165, 357.650
Yxy	58.3248, 0.3537, 0.3061
Android (android.graphics.Color)	4294686412 (0xFFFBB6CC)
YUV	205.1390, -0.5615, 40.2201
Hunter-Lab	76.3707, 23.9093, 3.1278

Details

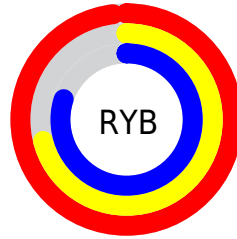
The XYZ color **67.4107, 58.3248, 64.8316** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.9339, 84.5981, 86.8815**, and the grayscale version is **58.1065, 61.1325, 66.5733**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **35.2165, 28.9778, 32.5913** is the 20% darker color. If you saturate the color by 10%, you get **60.7842, 48.1752, 53.0543**, and if you desaturate by 10%, it is **75.1869, 70.4123, 78.1043**.

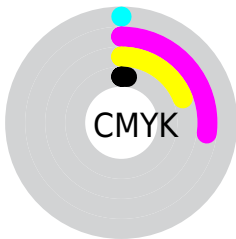
Distribution



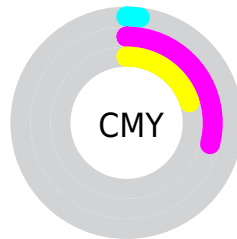
- Red (98%)
- Green (71%)
- Blue (80%)



- Red (98%)
- Yellow (71%)
- Blue (80%)



- Cyan (0%)
- Magenta (27%)
- Yellow (19%)
- Black (2%)





- Cyan (2%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4107, 58.3248, 64.8316 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 67.4107, 58.3248, 64.8316 by changing the saturation by 10% instead.


 67.4107, 58.3248,
64.8316

 67.4107, 58.3248,
64.8316


440.8148,
418.3951, 460.4762

 49.6904, 42.0698,
46.8741


 114.5553,
102.3957, 113.4187

 35.3842, 29.1560,
32.5825


144.7102,
130.9804, 144.8853

 24.1269, 19.1988,
21.5383


179.7408,
164.4438, 181.6920

 15.5530, 11.8140,
13.3230

220.0122,
203.1703, 224.2574

 9.2973, 6.6172,
7.5180

265.8900,
247.5443, 273.0000

 4.9942, 3.2239,
3.7048

317.7395,

 2.2786, 1.2497,

297.9502, 328.3383

1.4648

375.9260,
354.7723, 390.6908

■ 0.7837, 0.1017,
0.1915

■ 0.0000, 0.0000,
0.0000

■ 67.4107, 58.3248,
64.8316

■ 67.4107, 58.3248,
64.8316

■ 60.7842, 48.1752,
53.0543

■ 75.1869, 70.4123,
78.1043

■ 55.2461, 39.8542,
42.7142

■ 84.1603, 84.5235,
92.9203

■ 50.7365, 33.2538,
33.7544

■ 93.5939, 99.2494,
108.8319

■ 47.1877, 28.2511,
26.1126

■ 44.5231, 24.7071,
19.7210

■ 42.6537, 22.4583,
14.5046

■ 41.4649, 21.2912,
10.3761

■ 41.2325, 21.0888,
9.4901

Harmonies

Analogous

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



65.4580, 58.3248, 82.2848



67.4107, 58.3248, 64.8316



65.9730, 58.3248, 49.7389

Triad

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



67.4107, 58.3248, 64.8316



50.3937, 58.3248, 39.0966



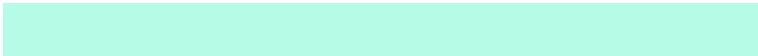
49.6501, 58.3248, 94.6798

Complementary

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



67.4107, 58.3248, 64.8316



67.9339, 84.5981, 86.8815

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.



46.0853, 58.3248, 79.6040



67.4107, 58.3248, 64.8316



46.4929, 58.3248, 47.8262

Square

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



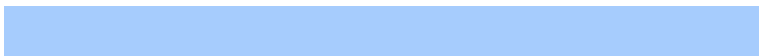
67.4107, 58.3248, 64.8316



55.8970, 58.3248, 36.5210



44.9706, 58.3248, 62.1982



54.9775, 58.3248, 101.2973

Rectangle

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



67.4107, 58.3248, 64.8316



63.3376, 58.3248, 42.6072



44.9706, 58.3248, 62.1982



48.2204, 58.3248, 90.3168

Sweetspot

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



67.4123, 58.3275, 64.8328



86.7266, 86.8049, 95.4841



66.1376, 56.9179, 98.7678



18.2480, 18.0825, 19.9229



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.



67.4123, 58.3275, 64.8328



65.9303, 54.3915, 60.2543



67.4099, 62.2507, 52.7220



17.4726, 17.3164, 19.0785



21.7317, 11.1084, 5.2954



2.0588, 1.0472, 0.7328

Inverse Universe

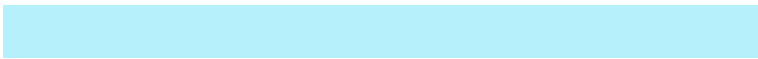
The Inverse Universe completely reimagines the original color for something new.



67.4123, 58.3275, 64.8328



65.9303, 54.3915, 60.2543



67.7191, 78.9380, 102.9347



17.4726, 17.3164, 19.0785



21.7317, 11.1084, 5.2954



2.0588, 1.0472, 0.7328

Previews

White Background



This preview shows how the XYZ color 67.4107, 58.3248, 64.8316 looks on a white background.

Color Contrast Check

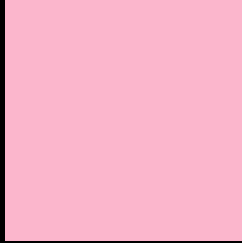
Large Text (above 18pt) WCAG AA × Fail

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 67.4107, 58.3248, 64.8316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

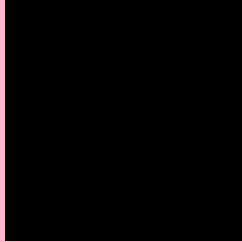
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4107, 58.3248, 64.8316

Background



This preview shows how black text looks on a background with the XYZ color 67.4107, 58.3248, 64.8316.



This preview shows how white text looks on a background with the XYZ color 67.4107, 58.3248,

64.8316.

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

67.4107, 58.3248, 64.8316

Protanopia

57.0074, 58.6324, 72.6025

Deuteranopia

59.6910, 58.5101, 64.0246



Tritanopia

66.4359, 58.2222, 60.5598

Trichromacy



Original Color

67.4107, 58.3248, 64.8316



Protanomaly

60.0413, 57.9031, 69.6399



Deuteranomaly

62.1479, 58.1276, 64.4441



Tritanomaly

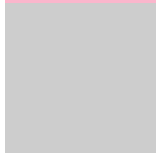
66.7832, 58.3611, 62.3885

Monochromacy



Original Color

67.4107, 58.3248, 64.8316



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

61.1099, 59.8699, 66.0928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4107, 58.3248, 64.8316 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(251, 182, 204)` looks like.

```
.text, #text, p{  
    color:rgb(251, 182, 204)  
}
```

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(251, 182, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 182, 204) }
```

Border

The CSS property to change the border of an element to XYZ 67.4107, 58.3248, 64.8316 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(251, 182, 204) }
```


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

```
.border{ border-color:rgb(251, 182, 204) }
```

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

Here you see how a box with a 4 pixel rgb(251, 182, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 182, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 182, 204);  
box-shadow:4px 4px 4px 4px rgb(251, 182,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4107, 58.3248, 64.8316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 182, 204) }
```

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

```
.background{ background-color: rgb(251,  
182, 204) }
```

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