

Converting Colors

XYZ(67.2606, 58.3592, 65.6714)

Have a look what the booklet for
XYZ(67.2606, 58.3592, 65.6714)
contains.

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Color

**XYZ(67.1717, 58.1877,
65.4486)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB6CD
RGB	250, 182, 205
RGB Percent	98%, 71%, 80%
CMY	0.0196, 0.2863, 0.1961
CMYK	0.00, 0.27, 0.18, 0.02
HSL	340°, 87%, 85%
HSV	340°, 27%, 98%
XYZ	67.1717, 58.1877, 65.4486
YIQ	204.9540, 33.1450, 21.5690

Conversions

Conversions Part 2

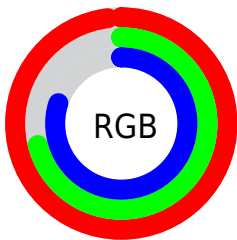
Format	Color
R _Y B	250, 182, 205
Decimal	16430797
CIE Lab	80.84, 27.94, -1.82
CIE LCh	81, 28.001, 356.277
Yxy	58.1877, 0.3520, 0.3050
Android (android.graphics.Color)	4294620877 (0xFFFA6CD)
YUV	204.9540, 0.0227, 39.5053
Hunter-Lab	76.2809, 23.6927, 2.5261

Details

The XYZ color **67.1717, 58.1877, 65.4486** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.3445, 83.8638, 85.3150**, and the grayscale version is **57.9856, 61.0054, 66.4349**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **35.2974, 29.0102, 33.0173** is the 20% darker color. If you saturate the color by 10%, you get **60.6089, 48.0907, 53.9230**, and if you desaturate by 10%, it is **74.8630, 70.2024, 78.3937**.

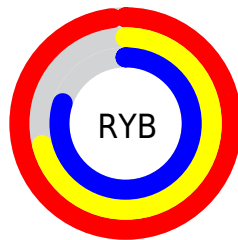
Distribution



Red (98%)

Green (71%)

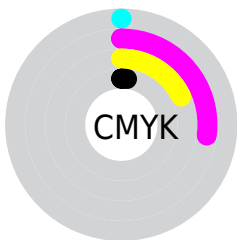
Blue (80%)



Red (98%)

Yellow (71%)

Blue (80%)

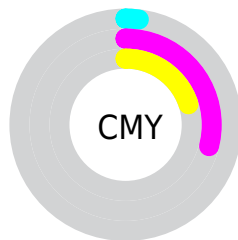


Cyan (0%)

Magenta (27%)

Yellow (18%)

Black (2%)



Cyan (2%)


Magenta (29%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.1717, 58.1877, 65.4486 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 67.1717, 58.1877, 65.4486 by changing the saturation by 10% instead.


 67.1717, 58.1877,
65.4486

 67.1717, 58.1877,
65.4486


439.9786,
417.8850, 462.7526

 49.4954, 41.9596,
47.3713


 114.2148,
102.1961, 114.3140

 35.2288, 29.0696,
32.9728


144.3124,
130.7452, 145.9392

 24.0065, 19.1335,
21.8347


179.2810,
164.1701, 182.9173

 15.4632, 11.7668,
13.5383

219.4862,
202.8552, 225.6671

 9.2335, 6.5851,
7.6652

265.2931,
247.1848, 274.6070

 4.9521, 3.2040,
3.7968


317.0673,

 2.2537, 1.2391,


297.5434, 330.1555


1.5145


375.1740,
354.3153, 392.7311


 0.7708, 0.0933,
0.2287


 0.0000, 0.0000,
0.0000


 67.1717, 58.1877,
65.4486


 67.1717, 58.1877,
65.4486


 60.6089, 48.0907,
53.9230


 74.8630, 70.2024,
78.3937


 55.1144, 39.8034,
43.7627

 83.7290, 84.2193,
92.8026

 50.6300, 33.2196,
34.9150

 93.1762, 99.0407,
108.5076

 47.0893, 28.2184,
27.3220

 93.2345, 99.0641,
108.8150

■ 44.4179, 24.6629,
20.9210

■ 42.5287, 22.3924,
15.6427

■ 41.3115, 21.2005,
11.4065

■ 41.0463, 20.9728,
10.3852

Harmonies

Analogous

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



65.0885, 58.1877, 82.7508



67.1717, 58.1877, 65.4486



65.8973, 58.1877, 50.2670

Triad

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



67.1717, 58.1877, 65.4486



50.5233, 58.1877, 38.8584



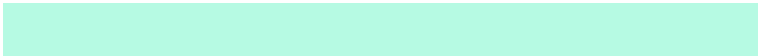
49.3541, 58.1877, 93.7370

Complementary

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



67.1717, 58.1877, 65.4486



67.3445, 83.8638, 85.3150

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.



45.9144, 58.1877, 78.5413



67.1717, 58.1877, 65.4486



46.5557, 58.1877, 47.2572

Square

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



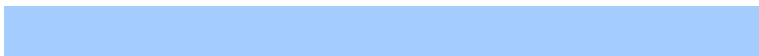
67.1717, 58.1877, 65.4486



56.0314, 58.1877, 36.5754



44.9264, 58.1877, 61.3095



54.5862, 58.1877, 100.7830

Rectangle

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



67.1717, 58.1877, 65.4486



63.3602, 58.1877, 43.0002



44.9264, 58.1877, 61.3095



47.9644, 58.1877, 89.2963

Sweetspot

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



67.1733, 58.1904, 65.4498



86.7858, 86.8286, 95.7960



65.4122, 56.5621, 97.9129



18.2628, 18.0884, 20.0011



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.



67.1733, 58.1904, 65.4498



66.1193, 54.4671, 61.2492



66.7634, 61.4913, 52.6095



17.4868, 17.3221, 19.1532



21.8321, 11.1486, 5.8243



2.0694, 1.0515, 0.7887

Inverse Universe

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



67.1733, 58.1904, 65.4498



66.1193, 54.4671, 61.2492



67.6499, 79.0513, 102.1358



17.4868, 17.3221, 19.1532



21.8321, 11.1486, 5.8243



2.0694, 1.0515, 0.7887

Previews

White Background



This preview shows how the XYZ color 67.1717, 58.1877, 65.4486 looks on a white background.

Color Contrast Check

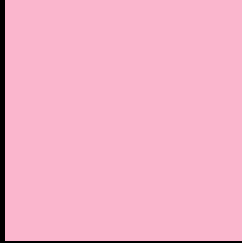
Large Text (above 18pt) WCAG AA × Fail

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 67.1717, 58.1877, 65.4486 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 67.1717, 58.1877, 65.4486

Background



This preview shows how black text looks on a background with the XYZ color 67.1717, 58.1877, 65.4486.



This preview shows how white text looks on a background with the XYZ color 67.1717, 58.1877,

65.4486.

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

67.1717, 58.1877, 65.4486

Protanopia

56.8684, 58.5458, 73.2689

Deuteranopia

59.8098, 58.5577, 64.6504



Tritanopia

66.0785, 58.0379, 60.5431

Trichromacy



Original Color

67.1717, 58.1877, 65.4486

Protanomaly

59.8671, 57.7988, 70.2883

Deuteranomaly

62.2675, 58.1755, 65.0739

Tritanomaly

66.4257, 58.1768, 62.3718

Monochromacy



Original Color

67.1717, 58.1877, 65.4486

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.8045, 59.7124, 66.0785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1717, 58.1877, 65.4486 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(250, 182, 205)` looks like.

```
.text, #text, p{  
    color:rgb(250, 182, 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(250, 182, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 182, 205) }
```

Border

The CSS property to change the border of an element to XYZ 67.1717, 58.1877, 65.4486 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(250, 182, 205) }
```


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

```
.border{ border-color:rgb(250, 182, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 182, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 182, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 182, 205);  
box-shadow:4px 4px 4px 4px rgb(250, 182,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1717, 58.1877, 65.4486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 182, 205) }
```

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

```
.background{ background-color: rgb(250,  
182, 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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