

Converting Colors

XYZ(67.6522, 58.4214, 66.1033)

Have a look what the booklet for
XYZ(67.6522, 58.4214, 66.1033)
contains.

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Color

**XYZ(67.6522, 58.4214,
66.1033)**

Conversions

Conversions Part 1

Format	Color
Hex	FBB6CE
RGB	251, 182, 206
RGB Percent	98%, 71%, 81%
CMY	0.0157, 0.2863, 0.1922
CMYK	0.00, 0.27, 0.18, 0.02
HSL	339°, 90%, 85%
HSV	339°, 27%, 98%
XYZ	67.6522, 58.4214, 66.1033
YIQ	205.3670, 33.4200, 22.0920

Conversions

Conversions Part 2

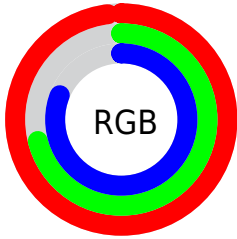
Format	Color
R _Y B	251, 182, 206
Decimal	16496334
CIE Lab	80.97, 28.44, -2.16
CIE LCh	81, 28.524, 355.666
Yxy	58.4214, 0.3520, 0.3040
Android (android.graphics.Color)	4294686414 (0xFFFBB6CE)
YUV	205.3670, 0.3121, 40.0201
Hunter-Lab	76.4339, 24.2323, 2.2272

Details

The XYZ color **67.6522, 58.4214, 66.1033** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.6562, 84.4870, 85.4190**, and the grayscale version is **58.2466, 61.2799, 66.7338**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **35.3790, 29.0428, 33.4469** is the 20% darker color. If you saturate the color by 10%, you get **61.0789, 48.2931, 54.6060**, and if you desaturate by 10%, it is **75.3572, 70.4804, 79.0012**.

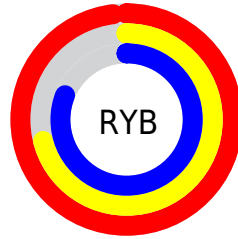
Distribution



Red (98%)

Green (71%)

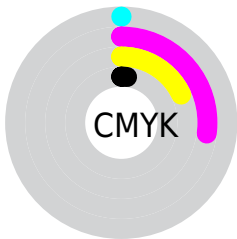
Blue (81%)



Red (98%)

Yellow (71%)

Blue (81%)

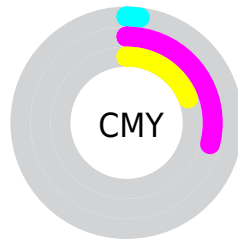


Cyan (0%)

Magenta (27%)

Yellow (18%)

Black (2%)



Cyan (2%)


Magenta (29%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.6522, 58.4214, 66.1033 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 67.6522, 58.4214, 66.1033 by changing the saturation by 10% instead.


 67.6522, 58.4214,
66.1033

 67.6522, 58.4214,
66.1033


441.6588,
418.7543, 465.1605

 49.8875, 42.1475,
47.8993


 114.8991,
102.5363, 115.2630

 35.5414, 29.2168,
33.3877


145.1120,
131.1460, 147.0557

 24.2487, 19.2449,
22.1501


180.2050,
164.6366, 184.2151

 15.6439, 11.8474,
13.7678

220.5434,
203.3922, 227.1597

 9.3618, 6.6398,
7.8225

266.4927,
247.7975, 276.3079

 5.0369, 3.2379,
3.8954


318.4181,

 2.3039, 1.2572,


298.2366, 332.0785


1.5681


376.6850,
355.0941, 394.8898


 0.7967, 0.1077,
0.2679


 0.0000, 0.0000,
0.0000


 67.6522, 58.4214,
66.1033


 67.6522, 58.4214,
66.1033


 61.0789, 48.2931,
54.6060


 75.3572, 70.4804,
79.0012

 55.5769, 39.9865,
44.4560

 84.2406, 84.5556,
93.3431

 51.0873, 33.3941,
35.6017

 93.5939, 99.2494,
108.8319

 47.5435, 28.3935,
27.9864

■ 44.8702, 24.8460,
21.5485

■ 42.9795, 22.5886,
16.2199

■ 41.7583, 21.4086,
11.9210

■ 41.5162, 21.2023,
10.9841

Harmonies

Analogous

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



65.4540, 58.4214, 83.7975



67.6522, 58.4214, 66.1033



66.4174, 58.4214, 50.5260

Triad

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



67.6522, 58.4214, 66.1033



50.7481, 58.4214, 38.5471



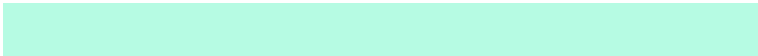
49.3596, 58.4214, 94.4609

Complementary

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



67.6522, 58.4214, 66.1033



67.6562, 84.4870, 85.4190

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.



45.8987, 58.4214, 78.7799



67.6522, 58.4214, 66.1033



46.6595, 58.4214, 46.9583

Square

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



67.6522, 58.4214, 66.1033



56.3914, 58.4214, 36.3564



44.9461, 58.4214, 61.1821



54.6731, 58.4214, 101.9111

Rectangle

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



67.6522, 58.4214, 66.1033



63.8572, 58.4214, 43.0497



44.9461, 58.4214, 61.1821



47.9562, 58.4214, 89.8558

Sweetspot

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



67.6539, 58.4241, 66.1045



86.8151, 86.8403, 95.9504



65.7740, 56.7305, 98.7508



18.2702, 18.0914, 20.0399



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.



67.6539, 58.4241, 66.1045



66.2135, 54.5047, 61.7452



67.1558, 61.7425, 52.6373



17.4938, 17.3249, 19.1902



21.8843, 11.1694, 6.0992



2.0748, 1.0537, 0.8174

Inverse Universe

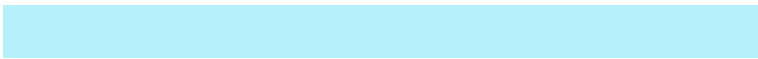
The Inverse Universe completely reimagines the original color for something new.



67.6539, 58.4241, 66.1045



66.2135, 54.5047, 61.7452



68.0578, 79.6154, 103.0476



17.4938, 17.3249, 19.1902



21.8843, 11.1694, 6.0992



2.0748, 1.0537, 0.8174

Previews

White Background



This preview shows how the XYZ color 67.6522, 58.4214, 66.1033 looks on a white background.

Color Contrast Check

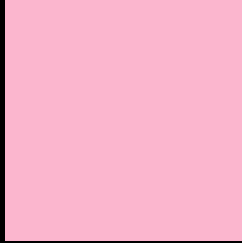
Large Text (above 18pt) WCAG AA × Fail

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 67.6522, 58.4214, 66.1033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

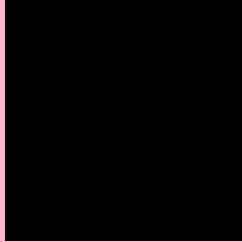
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6522, 58.4214, 66.1033

Background



This preview shows how black text looks on a background with the XYZ color 67.6522, 58.4214, 66.1033.



This preview shows how white text looks on a background with the XYZ color 67.6522, 58.4214,

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

67.6522, 58.4214, 66.1033

Protanopia

57.2661, 58.7358, 73.9645

Deuteranopia

59.9294, 58.6055, 65.2801



Tritanopia

66.5509, 58.2682, 61.1654

Trichromacy



Original Color

67.6522, 58.4214, 66.1033

Protanomaly

60.2936, 58.0041, 70.9689

Deuteranomaly

62.3879, 58.2236, 65.7077

Tritanomaly

66.9004, 58.4080, 63.0062

Monochromacy



Original Color

67.6522, 58.4214, 66.1033

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 67.6522, 58.4214, 66.1033 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(251, 182, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 182, 206) }
```

Border

The CSS property to change the border of an element to XYZ 67.6522, 58.4214, 66.1033 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, 206) }
```


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

```
.border{ border-color:rgb(251, 182, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 182, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 182, 206);  
box-shadow:4px 4px 4px 4px rgb(251, 182,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6522, 58.4214, 66.1033 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, 206) }
```

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

```
.background{ background-color: rgb(251,  
182, 206) }
```

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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