

Converting Colors

XYZ(67.4713, 59.1070, 67.8168)

Have a look what the booklet for
XYZ(67.4713, 59.1070, 67.8168)
contains.

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Color

**XYZ(67.4455, 59.2084,
67.5481)**

Conversions

Conversions Part 1

Format	Color
Hex	F8B9D0
RGB	248, 185, 208
RGB Percent	97%, 73%, 82%
CMY	0.0274, 0.2745, 0.1843
CMYK	0.00, 0.25, 0.16, 0.03
HSL	338°, 82%, 85%
HSV	338°, 25%, 97%
XYZ	67.4455, 59.2084, 67.5481
YIQ	206.4590, 30.1650, 20.5090

Conversions

Conversions Part 2

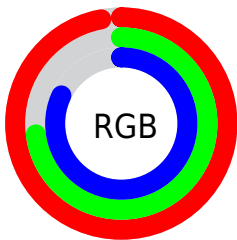
Format	Color
R _Y B	248, 185, 208
Decimal	16300496
CIE Lab	81.41, 26.12, -2.63
CIE LCh	81, 26.252, 354.243
Yxy	59.2084, 0.3473, 0.3049
Android (android.graphics.Color)	4294490576 (0xFFF8B9D0)
YUV	206.4590, 0.7597, 36.4315
Hunter-Lab	76.9470, 21.8014, 1.8150

Details

The XYZ color **67.4455, 59.2084, 67.5481** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.1680, 82.8868, 83.6967**, and the grayscale version is **58.9435, 62.0131, 67.5323**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **35.4349, 29.6421, 34.4257** is the 20% darker color. If you saturate the color by 10%, you get **60.8608, 48.9867, 56.2645**, and if you desaturate by 10%, it is **75.1308, 71.3222, 80.1490**.

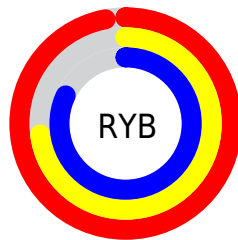
Distribution



Red (97%)

Green (73%)

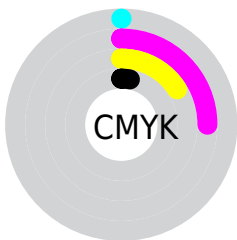
Blue (82%)



Red (97%)

Yellow (73%)

Blue (82%)

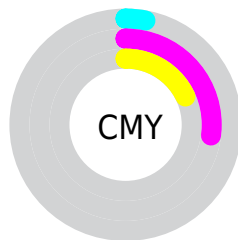


Cyan (0%)

Magenta (25%)

Yellow (16%)

Black (3%)



Cyan (3%)


Magenta (27%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4455, 59.2084, 67.5481 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 67.4455, 59.2084, 67.5481 by changing the saturation by 10% instead.


 67.4455, 59.2084,
67.5481

 67.4455, 59.2084,
67.5481


440.9365,
421.6738, 470.4478

 49.7188, 42.7809,
49.0658


 114.6048,
103.6805, 117.3535

 35.4069, 29.7132,
34.3057


144.7681,
132.4939, 149.5137

 24.1445, 19.6210,
22.8493


179.8077,
166.2047, 187.0703

 15.5661, 12.1199,
14.2780

220.0888,
205.1973, 230.4418

 9.3066, 6.8254,
8.1733

265.9769,
249.8561, 280.0467

 5.0004, 3.3531,
4.1167


317.8373,

 2.2822, 1.3188,


300.5655, 336.3037


1.6896


376.0354,
357.7100, 399.6312


 0.7856, 0.1557,
0.3536


 0.0000, 0.0000,
0.0000


 67.4455, 59.2084,
67.5481


 67.4455, 59.2084,
67.5481

 60.8608, 48.9867,
56.2645


 75.1308, 71.3222,
80.1490

 55.3191, 40.5527,
46.2495

 83.9607, 85.4092,
94.1062

 50.7650, 33.8043,
37.4565

 92.5217, 98.6966,
108.7817

 47.1358, 28.6259,
29.8341

■ 44.3608, 24.8867,
23.3270

■ 42.3587, 22.4348,
17.8740

■ 41.0299, 21.0829,
13.4055

■ 40.5797, 20.7038,
11.6488

Harmonies

Analogous

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



65.2841, 59.2084, 83.7963



67.4455, 59.2084, 67.5481



66.4601, 59.2084, 52.8342

Triad

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



67.4455, 59.2084, 67.5481



52.0517, 59.2084, 40.6446



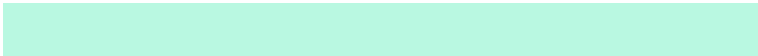
50.3301, 59.2084, 92.2446

Complementary

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



67.4455, 59.2084, 67.5481



67.1680, 82.8868, 83.6967

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.



47.1890, 59.2084, 77.6951



67.4455, 59.2084, 67.5481



48.1369, 59.2084, 48.3666

Square

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



67.4455, 59.2084, 67.5481



57.3413, 59.2084, 38.8243



46.4129, 59.2084, 61.4828



55.2236, 59.2084, 99.4676

Rectangle

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



67.4455, 59.2084, 67.5481



64.1818, 59.2084, 45.5919



46.4129, 59.2084, 61.4828



49.0473, 59.2084, 87.9447

Sweetspot

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



67.4472, 59.2111, 67.5493



86.8680, 86.8615, 96.2287



65.3146, 57.4696, 96.4579



18.2834, 18.0967, 20.1097



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.



67.4472, 59.2111, 67.5493



68.4524, 57.7771, 66.2080



66.6289, 61.7790, 54.3150



17.5065, 17.3300, 19.2569



21.9824, 11.2087, 6.6159



2.0849, 1.0577, 0.8706

Inverse Universe

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



67.4472, 59.2111, 67.5493



68.4524, 57.7771, 66.2080



67.9953, 79.1782, 100.5068



17.5065, 17.3300, 19.2569



21.9824, 11.2087, 6.6159



2.0849, 1.0577, 0.8706

Previews

White Background



This preview shows how the XYZ color 67.4455, 59.2084, 67.5481 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 67.4455, 59.2084, 67.5481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

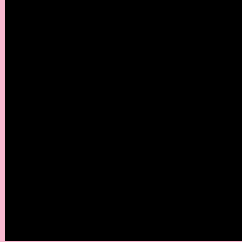
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4455, 59.2084, 67.5481

Background



This preview shows how black text looks on a background with the XYZ color 67.4455, 59.2084, 67.5481.



This preview shows how white text looks on a background with the XYZ color 67.4455, 59.2084,

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

67.4455, 59.2084, 67.5481

Protanopia

57.8987, 59.3918, 74.7418

Deuteranopia

60.6993, 59.3082, 66.6410



Tritanopia

66.4593, 59.1090, 63.1647

Trichromacy



Original Color

67.4455, 59.2084, 67.5481

Protanomaly

60.8661, 58.9453, 71.7879

Deuteranomaly

63.0671, 59.1932, 67.1329

Tritanomaly

66.8158, 59.2516, 65.0419

Monochromacy



Original Color

67.4455, 59.2084, 67.5481

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.2754, 60.2653, 67.4343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4455, 59.2084, 67.5481 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, 185, 208)` looks like.

```
.text, #text, p{  
    color:rgb(248, 185, 208)  
}
```

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, 185, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 185, 208) }
```

Border

The CSS property to change the border of an element to XYZ 67.4455, 59.2084, 67.5481 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, 185, 208) }
```


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

```
.border{ border-color:rgb(248, 185, 208) }
```

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

Here you see how a box with a 4 pixel rgb(248, 185, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 185, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 185, 208);  
box-shadow:4px 4px 4px 4px rgb(248, 185,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4455, 59.2084, 67.5481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 185, 208) }
```

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

```
.background{ background-color: rgb(248,  
185, 208) }
```

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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