

Converting Colors

XYZ(66.0923, 57.6483, 67.8581)

Have a look what the booklet for
XYZ(66.0923, 57.6483, 67.8581)
contains.

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Color

**XYZ(65.8928, 57.4718,
67.9418)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B6D1
RGB	245, 182, 209
RGB Percent	96%, 71%, 82%
CMY	0.0392, 0.2863, 0.1804
CMYK	0.00, 0.26, 0.15, 0.04
HSL	334°, 76%, 84%
HSV	334°, 26%, 96%
XYZ	65.8928, 57.4718, 67.9418
YIQ	203.9150, 28.8810, 21.7530

Conversions

Conversions Part 2

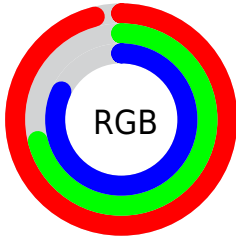
Format	Color
R _Y B	245, 182, 209
Decimal	16103121
CIE Lab	80.44, 26.82, -4.62
CIE LCh	80, 27.211, 350.220
Yxy	57.4718, 0.3444, 0.3004
Android (android.graphics.Color)	4294293201 (0xFFF5B6D1)
YUV	203.9150, 2.5069, 36.0315
Hunter-Lab	75.8102, 22.4812, -0.0692

Details

The XYZ color **65.8928, 57.4718, 67.9418** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.6011, 80.3135, 78.4308**, and the grayscale version is **57.3141, 60.2989, 65.6655**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **34.5057, 28.7584, 34.7426** is the 20% darker color. If you saturate the color by 10%, you get **59.6496, 47.6382, 57.6810**, and if you desaturate by 10%, it is **73.1694, 69.1271, 79.3000**.

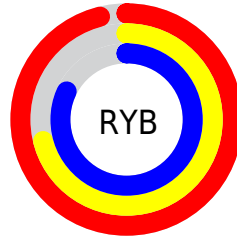
Distribution



Red (96%)

Green (71%)

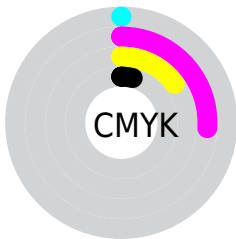
Blue (82%)



Red (96%)

Yellow (71%)

Blue (82%)

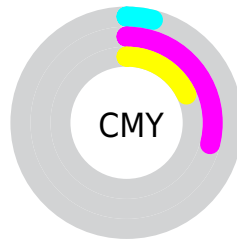


Cyan (0%)

Magenta (26%)

Yellow (15%)

Black (4%)



Cyan (4%)

Magenta (29%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8928, 57.4718, 67.9418 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 65.8928, 57.4718, 67.9418 by changing the saturation by 10% instead.

65.8928, 57.4718,
67.9418

65.8928, 57.4718,
67.9418

435.4881,
415.2149, 471.8822

48.4528, 41.3842,
49.3840

112.3910,
101.1533, 117.9223

34.3983, 28.6194,
34.5564

142.1800,
129.5159, 150.1821

23.3641, 18.7931,
23.0406

176.8159,
162.7390, 187.8463

14.9848, 11.5209,
14.4179

216.6642,
201.2069, 231.3334

8.8949, 6.4183,
8.2698

262.0902,
245.3040, 281.0620

4.7293, 3.1011,
4.1778


313.4593,

2.1224, 1.1847,


295.4148, 337.4507


1.7234


371.1368,
351.9236, 400.9179


 0.7014, 0.0492,
0.3767

 0.0000, 0.0000,
0.0000

 65.8928, 57.4718,
67.9418


 65.8928, 57.4718,
67.9418


 59.6496, 47.6382,
57.6810

 73.1694, 69.1271,
79.3000


 54.3852, 39.5254,
48.4783

 81.5207, 82.6824,
91.7860

 50.0474, 33.0347,
40.2967

 90.8298, 97.8980,
105.3793

 46.5768, 28.0539,
33.0957

 91.4666, 98.1527,
108.7323

■ 43.9065, 24.4567,
26.8310

■ 41.9591, 22.0956,
21.4536

■ 40.6395, 20.7884,
16.9077

■ 40.2059, 20.4324,
15.1868

Harmonies

Analogous

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



63.2906, 57.4718, 84.3636



65.8928, 57.4718, 67.9418



65.3220, 57.4718, 52.5482

Triad

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



65.8928, 57.4718, 67.9418



51.0010, 57.4718, 37.9494



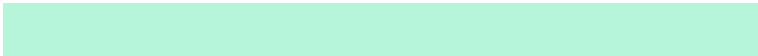
48.0452, 57.4718, 89.2800

Complementary

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



65.8928, 57.4718, 67.9418



64.6011, 80.3135, 78.4308

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.



45.1650, 57.4718, 73.8070



65.8928, 57.4718, 67.9418



46.7892, 57.4718, 44.9068

Square

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



65.8928, 57.4718, 67.9418



56.4677, 57.4718, 36.9222



44.7214, 57.4718, 57.5024



52.8233, 57.4718, 97.9963

Rectangle

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



65.8928, 57.4718, 67.9418



63.2322, 57.4718, 44.7620



44.7214, 57.4718, 57.5024



46.8371, 57.4718, 84.5844

Sweetspot

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



65.8944, 57.4744, 67.9430



87.0633, 86.9396, 97.2574



62.0354, 54.9106, 93.7162



18.3325, 18.1163, 20.3680



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.



65.8944, 57.4744, 67.9430



68.3666, 56.9355, 68.2451



63.7029, 57.9947, 52.0957



16.7939, 16.6004, 18.6612



21.7257, 11.0337, 8.5298



1.9599, 0.9899, 1.0150

Inverse Universe

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



65.8944, 57.4744, 67.9430



68.3666, 56.9355, 68.2451



67.1709, 79.3315, 98.1593



16.7939, 16.6004, 18.6612



21.7257, 11.0337, 8.5298



1.9599, 0.9899, 1.0150

Previews

White Background



This preview shows how the XYZ color 65.8928, 57.4718, 67.9418 looks on a white background.

Color Contrast Check

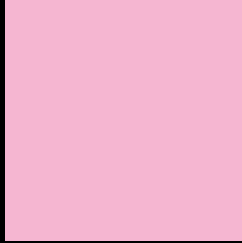
Large Text (above 18pt) WCAG AA × Fail

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 65.8928, 57.4718, 67.9418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

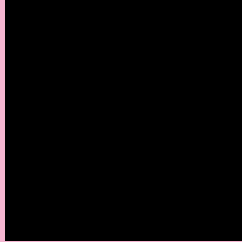
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8928, 57.4718, 67.9418

Background



This preview shows how black text looks on a background with the XYZ color 65.8928, 57.4718, 67.9418.



This preview shows how white text looks on a background with the XYZ color 65.8928, 57.4718,

67.9418.

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

65.8928, 57.4718, 67.9418

Protanopia

56.4983, 57.9671, 75.2288

Deuteranopia

58.8732, 57.6875, 67.0633



Tritanopia

64.6418, 57.5913, 61.1353

Trichromacy



Original Color

65.8928, 57.4718, 67.9418

Protanomaly

59.3600, 57.4933, 72.2587

Deuteranomaly

61.4772, 57.7119, 67.5738

Tritanomaly

64.9024, 57.3643, 63.5288

Monochromacy



Original Color

65.8928, 57.4718, 67.9418

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

60.0939, 58.9962, 66.6126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8928, 57.4718, 67.9418 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(245, 182, 209)` looks like.

```
.text, #text, p{  
    color:rgb(245, 182, 209)  
}
```

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(245, 182, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 182, 209) }
```

Border

The CSS property to change the border of an element to XYZ 65.8928, 57.4718, 67.9418 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(245, 182, 209) }
```


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

```
.border{ border-color:rgb(245, 182, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 182, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 182, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 182, 209); box-shadow:4px 4px 4px 4px rgb(245, 182, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8928, 57.4718, 67.9418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 182, 209) }
```

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

```
.background{ background-color: rgb(245,  
182, 209) }
```

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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