

Converting Colors

XYZ(65.7965, 58.0857, 62.9035)

Have a look what the booklet for
XYZ(65.7965, 58.0857, 62.9035)
contains.

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Color

**XYZ(65.6891, 58.0909,
63.0088)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B8C9
RGB	246, 184, 201
RGB Percent	96%, 72%, 79%
CMY	0.0353, 0.2784, 0.2118
CMYK	0.00, 0.25, 0.18, 0.04
HSL	344°, 77%, 84%
HSV	344°, 25%, 96%
XYZ	65.6891, 58.0909, 63.0088
YIQ	204.4760, 31.4950, 18.4310

Conversions

Conversions Part 2

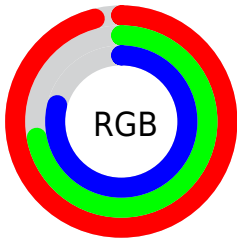
Format	Color
R _Y B	246, 184, 201
Decimal	16169161
CIE Lab	80.79, 24.87, 0.21
CIE LCh	81, 24.873, 0.492
Yxy	58.0909, 0.3517, 0.3110
Android (android.graphics.Color)	4294359241 (0xFFFF6B8C9)
YUV	204.4760, -1.7137, 36.4165
Hunter-Lab	76.2174, 20.4625, 4.3372

Details

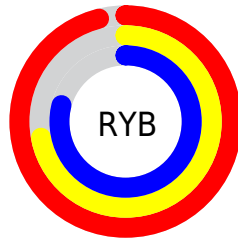
The XYZ color **65.6891, 58.0909, 63.0088** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.8682, 81.7604, 86.3897**, and the grayscale version is **57.6937, 60.6982, 66.1004**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **34.3690, 29.1580, 31.4204** is the 20% darker color. If you saturate the color by 10%, you get **59.0366, 47.9540, 51.0234**, and if you desaturate by 10%, it is **73.4776, 70.1078, 76.5789**.

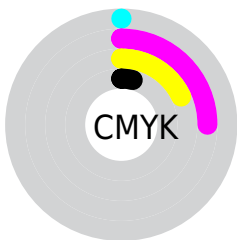
Distribution



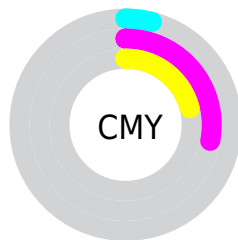
- Red (96%)
- Green (72%)
- Blue (79%)



- Red (96%)
- Yellow (72%)
- Blue (79%)



- Cyan (0%)
- Magenta (25%)
- Yellow (18%)
- Black (4%)





- Cyan (4%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6891, 58.0909, 63.0088 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 65.6891, 58.0909, 63.0088 by changing the saturation by 10% instead.


 65.6891, 58.0909,
63.0088

 65.6891, 58.0909,
63.0088


434.7704,
417.5246, 453.7103

 48.2868, 41.8817,
45.4073


 112.1002,
102.0552, 110.7679

 34.2663, 29.0087,
31.4331


141.8397,
130.5792, 141.7626

 23.2621, 19.0874,
20.6676


176.4224,
163.9768, 178.0587

 14.9089, 11.7334,
12.6924

216.2136,
202.6326, 220.0748

 8.8414, 6.5624,
7.0888

261.5786,
246.9308, 268.2295

 4.6941, 3.1900,
3.4384


312.8829,


 2.1018, 1.2317,


297.2560, 322.9413


1.3226


370.4916,
353.9924, 384.6287

 0.6902, 0.0874,
0.0802


 0.0000, 0.0000,
0.0000

 65.6891, 58.0909,
63.0088


 65.6891, 58.0909,
63.0088


 59.0366, 47.9540,
51.0234


 73.4776, 70.1078,
76.5789


 53.4610, 39.5939,
40.5600

 82.4478, 84.0853,
91.7862

 48.9049, 32.9095,
31.5567

 91.7470, 98.3052,
108.3843

 45.3035, 27.7861,
23.9458

 91.8162, 98.3329,
108.7487

■ 42.5843, 24.0947,
17.6540

■ 40.6637, 21.6851,
12.6001

■ 39.4401, 20.3731,
8.6926

■ 39.0325, 20.0034,
7.1832

Harmonies

Analogous

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



64.2617, 58.0909, 78.2294



65.6891, 58.0909, 63.0088



64.1680, 58.0909, 49.9583

Triad

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



65.6891, 58.0909, 63.0088



50.3528, 58.0909, 41.8762



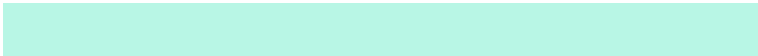
50.4910, 58.0909, 91.1956

Complementary

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



65.6891, 58.0909, 63.0088



66.8682, 81.7604, 86.3897

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.



47.1337, 58.0909, 78.7146



65.6891, 58.0909, 63.0088



47.0575, 58.0909, 50.3182

Square

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



65.6891, 58.0909, 63.0088



55.1290, 58.0909, 38.9755



45.9157, 58.0909, 63.4940



55.2984, 58.0909, 95.9570

Rectangle

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



65.6891, 58.0909, 63.0088



61.7376, 58.0909, 43.8435



45.9157, 58.0909, 63.4940



49.1663, 58.0909, 87.6773

Sweetspot

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



65.6907, 58.0936, 63.0100



86.5907, 86.7506, 94.7688



65.9096, 57.5027, 94.8145



18.2139, 18.0689, 19.7437



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.



65.6907, 58.0936, 63.0100



67.6237, 57.4456, 61.8443



66.7245, 63.1857, 54.0301



16.6858, 16.5572, 18.0918



20.8844, 10.6972, 4.0996



1.8771, 0.9568, 0.5790

Inverse Universe

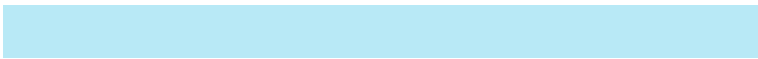
The Inverse Universe completely reimagines the original color for something new.



65.6907, 58.0936, 63.0100



67.6237, 57.4456, 61.8443



65.4201, 74.8787, 98.1942



16.6858, 16.5572, 18.0918



20.8844, 10.6972, 4.0996



1.8771, 0.9568, 0.5790

Previews

White Background



This preview shows how the XYZ color 65.6891, 58.0909, 63.0088 looks on a white background.

Color Contrast Check

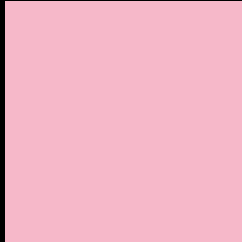
Large Text (above 18pt) WCAG AA × Fail

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 65.6891, 58.0909, 63.0088 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 65.6891, 58.0909, 63.0088

Background



This preview shows how black text looks on a background with the XYZ color 65.6891, 58.0909, 63.0088.



This preview shows how white text looks on a background with the XYZ color 65.6891, 58.0909,

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

65.6891, 58.0909, 63.0088

Protanopia

56.6443, 58.5183, 69.2824

Deuteranopia

59.4194, 58.0792, 62.1115



Tritanopia

65.4553, 57.9973, 61.7776

Trichromacy



Original Color

65.6891, 58.0909, 63.0088

Protanomaly

59.4677, 57.9940, 67.0912

Deuteranomaly

61.4719, 57.8200, 62.5640

Tritanomaly

65.5719, 58.0439, 62.3912

Monochromacy



Original Color

65.6891, 58.0909, 63.0088

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.9592, 59.3044, 64.7866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6891, 58.0909, 63.0088 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(246, 184, 201)` looks like.

```
.text, #text, p{  
    color:rgb(246, 184, 201)  
}
```

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(246, 184, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 184, 201) }
```

Border

The CSS property to change the border of an element to XYZ 65.6891, 58.0909, 63.0088 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(246, 184, 201) }
```


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

```
.border{ border-color:rgb(246, 184, 201) }
```

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

Here you see how a box with a 4 pixel rgb(246, 184, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 184, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 184, 201);  
box-shadow:4px 4px 4px 4px rgb(246, 184,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6891, 58.0909, 63.0088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 184, 201) }
```

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

```
.background{ background-color: rgb(246,  
184, 201) }
```

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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