

Converting Colors

XYZ(68.6234, 58.3763, 65.4723)

Have a look what the booklet for
XYZ(68.6234, 58.3763, 65.4723)
contains.

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Color

**XYZ(68.5807, 58.3103,
65.3980)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB4CD
RGB	255, 180, 205
RGB Percent	100%, 71%, 80%
CMY	0.0000, 0.2941, 0.1961
CMYK	0.00, 0.29, 0.20, 0.00
HSL	340°, 100%, 85%
HSV	340°, 29%, 100%
XYZ	68.5807, 58.3103, 65.3980
YIQ	205.2750, 36.6750, 23.6750

Conversions

Conversions Part 2

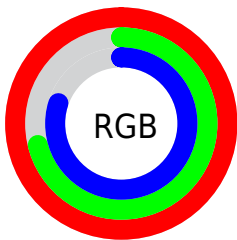
Format	Color
R _Y B	255, 180, 205
Decimal	16757965
CIE Lab	80.91, 30.74, -1.66
CIE LCh	81, 30.786, 356.914
Yxy	58.3103, 0.3567, 0.3032
Android (android.graphics.Color)	4294948045 (0xFFFFB4CD)
YUV	205.2750, -0.1356, 43.6088
Hunter-Lab	76.3612, 26.6805, 2.6751

Details

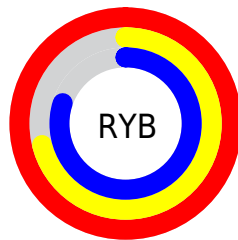
The XYZ color **68.5807, 58.3103, 65.3980** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.8675, 86.9375, 88.0176**, and the grayscale version is **58.1891, 61.2195, 66.6680**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **36.0727, 29.0264, 32.9796** is the 20% darker color. If you saturate the color by 10%, you get **61.9565, 48.1695, 53.6092**, and if you desaturate by 10%, it is **76.3777, 70.4393, 78.6794**.

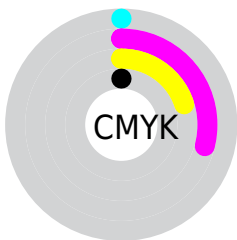
Distribution



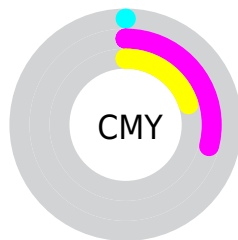
- Red (100%)
- Green (71%)
- Blue (80%)



- Red (100%)
- Yellow (71%)
- Blue (80%)



- Cyan (0%)
- Magenta (29%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.5807, 58.3103, 65.3980 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 68.5807, 58.3103, 65.3980 by changing the saturation by 10% instead.


 68.5807, 58.3103,
65.3980

 68.5807, 58.3103,
65.3980


444.8953,
418.3412, 462.5661

 50.6457, 42.0582,
47.3305


 116.2198,
102.3746, 114.2406

 36.1466, 29.1468,
32.9408


146.6547,
130.9555, 145.8528

 24.7181, 19.1919,
21.8103


181.9869,
164.4149, 182.8169

 15.9948, 11.8090,
13.5206

222.5818,
203.1370, 225.5516

 9.6113, 6.6138,
7.6531

268.8047,
247.5063, 274.4753

 5.2023, 3.2218,
3.7892

321.0210,

 2.4024, 1.2486,

297.9071, 330.0066

1.5104

379.5961,
354.7240, 392.5640

■ 0.8463, 0.1009,
0.2257

■ 0.0000, 0.0000,
0.0000

■ 68.5807, 58.3103,
65.3980

■ 68.5807, 58.3103,
65.3980

■ 61.9565, 48.1695,
53.6092

■ 76.3777, 70.4393,
78.6794

■ 56.4417, 39.9024,
43.2548

■ 85.3981, 84.6475,
93.5015

■ 51.9733, 33.3945,
34.2775

95.0500, 100.0000,
108.9000

■ 48.4800, 28.5157,
26.6147

■ 45.8806, 25.1174,
20.1980

■ 44.0800, 23.0233,
14.9513

■ 42.9358, 21.9645,
10.7794

■ 42.8793, 21.9157,
10.5624

Harmonies

Analogous

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



66.3360, 58.3103, 84.6390



68.5807, 58.3103, 65.3980



67.0824, 58.3103, 48.8927

Triad

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



68.5807, 58.3103, 65.3980



50.0585, 58.3103, 37.0570



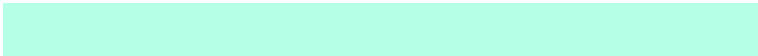
48.9985, 58.3103, 97.6660

Complementary

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



68.5807, 58.3103, 65.3980



68.8675, 86.9375, 88.0176

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.



45.1980, 58.3103, 80.7370



68.5807, 58.3103, 65.3980



45.7763, 58.3103, 46.1948

Square

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



68.5807, 58.3103, 65.3980



56.0845, 58.3103, 34.4990



44.0646, 58.3103, 61.6195



54.7652, 58.3103, 105.3754

Rectangle

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



68.5807, 58.3103, 65.3980



64.2211, 58.3103, 41.1541



44.0646, 58.3103, 61.6195



47.4661, 58.3103, 92.7235

Sweetspot

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



68.5821, 58.3129, 65.3992



85.7942, 85.2748, 94.1417



67.0063, 56.6884, 102.0181



18.0642, 17.7786, 19.6657



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.



68.5821, 58.3129, 65.3992



64.7374, 52.4043, 58.6275



68.4396, 62.4771, 51.6355



18.2591, 18.0869, 19.9814



22.4669, 11.4760, 5.8431



2.2358, 1.1367, 0.8231

Inverse Universe

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



68.5821, 58.3129, 65.3992



64.7374, 52.4043, 58.6275



68.7753, 80.7270, 106.5648



18.2591, 18.0869, 19.9814



22.4669, 11.4760, 5.8431



2.2358, 1.1367, 0.8231

Previews

White Background



This preview shows how the XYZ color 68.5807, 58.3103, 65.3980 looks on a white background.

Color Contrast Check

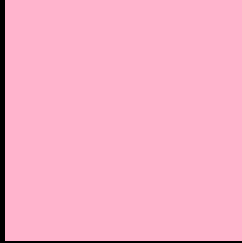
Large Text (above 18pt) WCAG AA × Fail

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 68.5807, 58.3103, 65.3980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

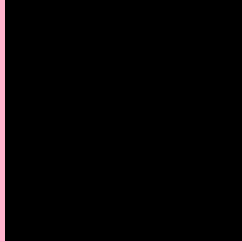
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.5807, 58.3103, 65.3980

Background



This preview shows how black text looks on a background with the XYZ color 68.5807, 58.3103, 65.3980.



This preview shows how white text looks on a background with the XYZ color 68.5807, 58.3103,

65.3980.

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

68.5807, 58.3103, 65.3980

Protanopia

56.9981, 58.5977, 73.9520

Deuteranopia

59.6910, 58.5101, 64.0246



Tritanopia

67.5648, 58.5123, 59.9575

Trichromacy



Original Color

68.5807, 58.3103, 65.3980



Protanomaly

60.5954, 58.1597, 70.9830



Deuteranomaly

62.7972, 58.4623, 64.4745



Tritanomaly

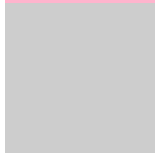
67.7057, 58.2421, 61.7062

Monochromacy



Original Color

68.5807, 58.3103, 65.3980



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

61.1908, 59.5756, 66.0317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5807, 58.3103, 65.3980 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(255, 180, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 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(255, 180, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 205) }
```

Border

The CSS property to change the border of an element to XYZ 68.5807, 58.3103, 65.3980 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(255, 180, 205) }
```


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

```
.border{ border-color:rgb(255, 180, 205) }
```

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

Here you see how a box with a 4 pixel rgb(255, 180, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5807, 58.3103, 65.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 205) }
```

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

```
.background{ background-color: rgb(255,  
180, 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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