

Converting Colors

XYZ(68.1854, 65.1558, 57.0226)

Have a look what the booklet for
XYZ(68.1854, 65.1558, 57.0226)
contains.

XYZ(68.0780, 65.0402, 57.1100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.0780, 65.0402,
57.1100)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C9BD
RGB	246, 201, 189
RGB Percent	96%, 79%, 74%
CMY	0.0353, 0.2117, 0.2588
CMYK	0.00, 0.18, 0.23, 0.04
HSL	13°, 76%, 85%
HSV	13°, 23%, 96%
XYZ	68.0780, 65.0402, 57.1100
YIQ	213.0870, 30.6720, 5.8080

Conversions

Conversions Part 2

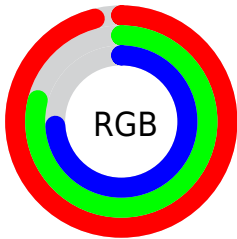
Format	Color
R _Y B	246, 204, 189
Decimal	16173501
CIE Lab	84.50, 14.15, 11.99
CIE LCh	85, 18.550, 40.272
Yxy	65.0402, 0.3579, 0.3419
Android (android.graphics.Color)	4294363581 (0xFFFF6C9BD)
YUV	213.0870, -11.8749, 28.8647
Hunter-Lab	80.6475, 9.5463, 14.4674

Details

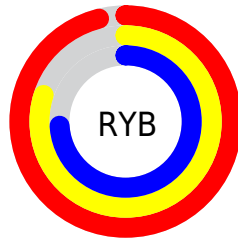
The XYZ color **68.0780, 65.0402, 57.1100** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.0430, 76.3163, 98.3863**, and the grayscale version is **63.3680, 66.6681, 72.6016**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **35.8639, 33.4638, 27.8615** is the 20% darker color. If you saturate the color by 10%, you get **61.3869, 55.5747, 42.8039**, and if you desaturate by 10%, it is **75.7979, 75.8374, 73.9950**.

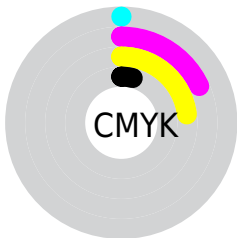
Distribution



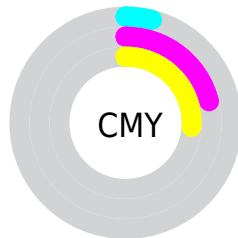
- Red (96%)
- Green (79%)
- Blue (74%)



- Red (96%)
- Yellow (80%)
- Blue (74%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.0780, 65.0402, 57.1100 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 68.0780, 65.0402, 57.1100 by changing the saturation by 10% instead.


 68.0780, 65.0402,
57.1100

 68.0780, 65.0402,
57.1100

443.1447,
442.9364, 431.3666

 50.2351, 47.4937,
40.6836


 115.5050,
112.1077, 102.1276

 35.8188, 33.4261,
27.7541


145.8198,
142.3974, 131.5559

 24.4637, 22.4531,
17.9030


181.0227,
177.7036, 166.1552

 15.8046, 14.1902,
10.7116

221.4789,
218.4108, 206.3442

 9.4759, 8.2531,
5.7615

267.5539,
264.9032, 252.5413

 5.1125, 4.2573,
2.6342

319.6129,

 2.3488, 1.8185,

317.5654, 305.1650

0.9100

378.0214,
376.7817, 364.6339

0.8195, 0.4987,
0.0000

0.0000, 0.0000,
0.0000

68.0780, 65.0402,
57.1100

68.0780, 65.0402,
57.1100

61.3869, 55.5747,
42.8039

75.7979, 75.8374,
73.9950

55.6751, 47.3803,
30.9451

84.5827, 88.0063,
93.5732

50.8971, 40.4049,
21.3968

91.8163, 98.3329,
108.7487

47.0013, 34.5892,
14.0067

■ 43.9310, 29.8689,
8.6043

■ 41.6221, 26.1730,
4.9929

■ 40.0003, 23.4217,
2.9348

■ 39.2258, 22.0320,
2.1852

Harmonies

Analogous

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



69.9667, 65.0402, 66.8391



68.0780, 65.0402, 57.1100



64.5384, 65.0402, 51.4941

Triad

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



68.0780, 65.0402, 57.1100



54.6408, 65.0402, 63.4146



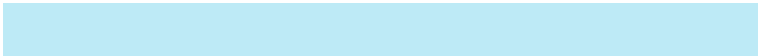
63.2457, 65.0402, 95.6366

Complementary

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



68.0780, 65.0402, 57.1100



67.0430, 76.3163, 98.3863

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.



59.1766, 65.0402, 94.4558



68.0780, 65.0402, 57.1100



54.3293, 65.0402, 74.9511

Square

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



68.0780, 65.0402, 57.1100



56.8262, 65.0402, 54.8436



55.9554, 65.0402, 86.5601



67.0955, 65.0402, 89.6265

Rectangle

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



68.0780, 65.0402, 57.1100



61.7811, 65.0402, 50.4224



55.9554, 65.0402, 86.5601



61.8564, 65.0402, 96.0823

Sweetspot

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



68.0797, 65.0432, 57.1113



87.9765, 90.2401, 93.0169



71.1419, 61.9639, 86.5058



18.7059, 19.1425, 19.6312



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.



68.0797, 65.0432, 57.1113



70.1899, 65.3841, 54.0489



75.1836, 79.2509, 59.4793



16.7819, 17.0480, 17.2036



21.0184, 11.9224, 1.1935



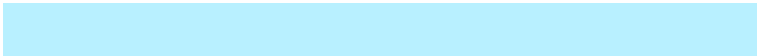
1.9187, 1.1907, 0.1287

Inverse Universe

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



67.0430, 76.3163, 98.3863



68.8706, 79.6592, 106.3536



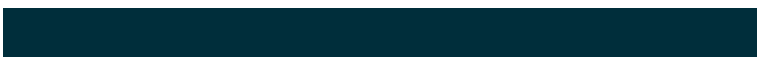
59.7170, 61.6642, 95.9443



16.6831, 18.1306, 21.1628



19.3041, 24.4020, 50.2307



1.7690, 2.2895, 4.4389

Previews

White Background



This preview shows how the XYZ color 68.0780, 65.0402, 57.1100 looks on a white background.

Color Contrast Check

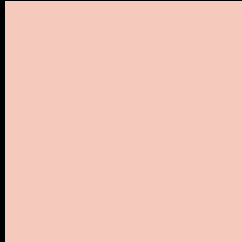
Large Text (above 18pt) WCAG AA × Fail

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 68.0780, 65.0402, 57.1100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

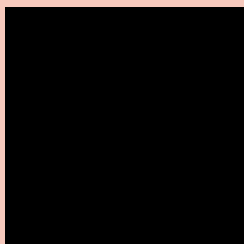
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.0780, 65.0402, 57.1100

Background



This preview shows how black text looks on a background with the XYZ color 68.0780, 65.0402, 57.1100.



This preview shows how white text looks on a background with the XYZ color 68.0780, 65.0402,

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

68.0780, 65.0402, 57.1100

Protanopia

61.9976, 65.0483, 60.3269

Deuteranopia

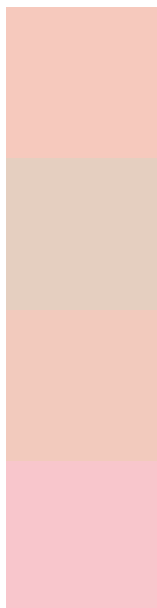
66.4764, 64.9113, 57.1696



Tritanopia

71.0434, 64.8763, 71.7288

Trichromacy



Original Color

68.0780, 65.0402, 57.1100

Protanomaly

64.1404, 65.0894, 59.0521

Deuteranomaly

66.9238, 64.7924, 57.1230

Tritanomaly

69.8046, 64.7043, 65.9368

Monochromacy



Original Color

68.0780, 65.0402, 57.1100

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.7509, 65.9681, 66.4471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0780, 65.0402, 57.1100 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, 201, 189)` looks like.

```
.text, #text, p{  
    color:rgb(246, 201, 189)  
}
```

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, 201, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 201, 189) }
```

Border

The CSS property to change the border of an element to XYZ 68.0780, 65.0402, 57.1100 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, 201, 189) }
```


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

```
.border{ border-color:rgb(246, 201, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 201, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 201, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 201, 189);  
box-shadow:4px 4px 4px 4px rgb(246, 201,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0780, 65.0402, 57.1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 201, 189) }
```

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

```
.background{ background-color: rgb(246,  
201, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor