

Converting Colors

XYZ(68.5173, 66.3447, 57.4616)

Have a look what the booklet for
XYZ(68.5173, 66.3447, 57.4616)
contains.

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Color

**XYZ(68.4344, 66.2723,
57.3291)**

Conversions

Conversions Part 1

Format	Color
Hex	F5CCBD
RGB	245, 204, 189
RGB Percent	96%, 80%, 74%
CMY	0.0392, 0.2000, 0.2588
CMYK	0.00, 0.17, 0.23, 0.04
HSL	16°, 74%, 85%
HSV	16°, 23%, 96%
XYZ	68.4344, 66.2723, 57.3291
YIQ	214.5490, 29.2510, 4.0270

Conversions

Conversions Part 2

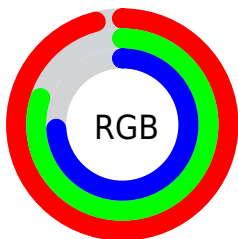
Format	Color
R _Y B	245, 209, 189
Decimal	16108733
CIE Lab	85.14, 12.21, 12.87
CIE LCh	85, 17.745, 46.502
Yxy	66.2723, 0.3564, 0.3451
Android (android.graphics.Color)	4294298813 (0xFFFF5CCBD)
YUV	214.5490, -12.5957, 26.7055
Hunter-Lab	81.4078, 7.5900, 15.2322

Details

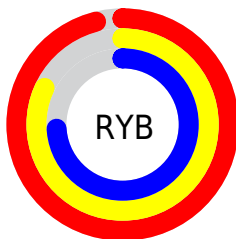
The XYZ color **68.4344, 66.2723, 57.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.7640, 74.0033, 97.2047**, and the grayscale version is **64.3565, 67.7080, 73.7340**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **36.0893, 34.2816, 28.0075** is the 20% darker color. If you saturate the color by 10%, you get **61.9764, 57.2585, 43.1454**, and if you desaturate by 10%, it is **75.8362, 76.4537, 74.0452**.

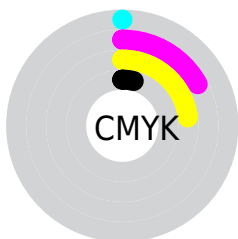
Distribution



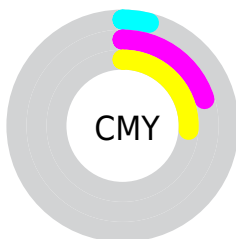
- Red (96%)
- Green (80%)
- Blue (74%)



- Red (96%)
- Yellow (82%)
- Blue (74%)



- Cyan (0%)
- Magenta (17%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.4344, 66.2723, 57.3291 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 68.4344, 66.2723, 57.3291 by changing the saturation by 10% instead.


 68.4344, 66.2723,
57.3291

 68.4344, 66.2723,
57.3291


444.3862,
447.3501, 432.2096

 50.5262, 48.4935,
40.8584


 116.0119,
113.8771, 102.4503

 36.0512, 34.2178,
27.8896


146.4118,
144.4718, 131.9379

 24.6440, 23.0610,
18.0041


181.7064,
180.1073, 166.6016

 15.9393, 14.6386,
10.7835

222.2610,
221.1680, 206.8598

 9.5718, 8.5661,
5.8091

268.4409,
268.0382, 253.1312

 5.1761, 4.4593,
2.6624

320.6115,

 2.3868, 1.9336,

321.1023, 305.8343

0.9244

379.1382,
380.7448, 365.3876

■ 0.8385, 0.5685,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.4344, 66.2723,
57.3291

■ 68.4344, 66.2723,
57.3291

■ 61.9764, 57.2585,
43.1454

■ 75.8362, 76.4537,
74.0452

■ 56.4177, 49.3611,
31.3656

■ 84.2132, 87.8336,
93.4053

■ 51.7180, 42.5383,
21.8562

■ 91.4664, 98.1526,
108.7323

■ 47.8319, 36.7421,
14.4687

■ 44.7090, 31.9207,
9.0370

■ 42.2931, 28.0173,
5.3694

■ 40.5185, 24.9686,
3.2350

■ 39.5840, 23.2677,
2.4048

Harmonies

Analogous

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



70.6569, 66.2723, 66.0806



68.4344, 66.2723, 57.3291



64.8024, 66.2723, 52.7873

Triad

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



68.4344, 66.2723, 57.3291



55.8021, 66.2723, 67.1385



65.2003, 66.2723, 95.4102

Complementary

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



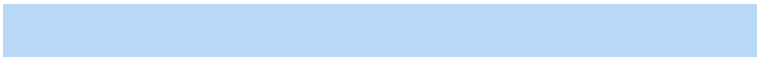
68.4344, 66.2723, 57.3291



65.7640, 74.0033, 97.2047

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.



61.2114, 66.2723, 95.7709



68.4344, 66.2723, 57.3291



55.8985, 66.2723, 78.5998

Square

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



68.4344, 66.2723, 57.3291



57.5729, 66.2723, 58.0327



57.8420, 66.2723, 89.3489



68.7363, 66.2723, 88.4103

Rectangle

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



68.4344, 66.2723, 57.3291



62.1227, 66.2723, 52.4093



57.8420, 66.2723, 89.3489



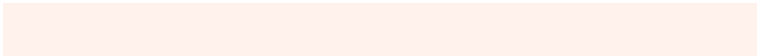
63.8650, 66.2723, 96.3357

Sweetspot

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



68.4362, 66.2753, 57.3305



88.2801, 90.8474, 93.1182



70.1468, 61.5255, 83.0912



18.7761, 19.2828, 19.6546



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.



68.4362, 66.2753, 57.3305



71.8541, 68.2819, 55.9306



75.6800, 80.7630, 59.7451



16.8603, 17.2047, 17.2298



21.4215, 12.7286, 1.3278



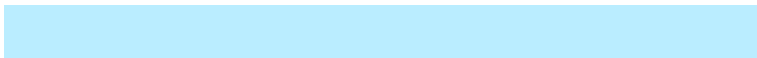
1.9640, 1.2813, 0.1438

Inverse Universe

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



65.7640, 74.0033, 97.2047



68.4909, 77.9874, 106.0510



58.6047, 59.6846, 94.8182



16.5992, 17.9627, 21.1348



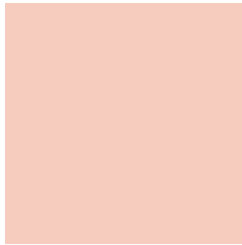
17.7216, 21.2370, 49.7031



1.6419, 2.0352, 4.3965

Previews

White Background



This preview shows how the XYZ color 68.4344, 66.2723, 57.3291 looks on a white background.

Color Contrast Check

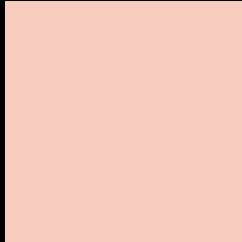
Large Text (above 18pt) WCAG AA × Fail

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 68.4344, 66.2723, 57.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

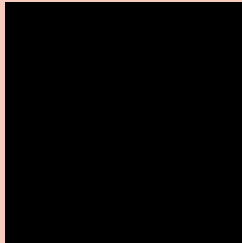
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.4344, 66.2723, 57.3291

Background



This preview shows how black text looks on a background with the XYZ color 68.4344, 66.2723, 57.3291.



This preview shows how white text looks on a background with the XYZ color 68.4344, 66.2723,

57.3291.

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

68.4344, 66.2723, 57.3291

Protanopia

62.9879, 66.3094, 59.9312

Deuteranopia

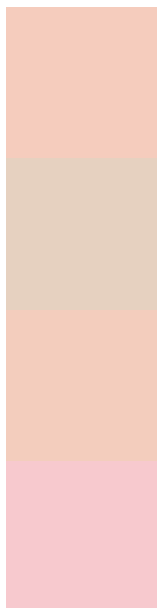
67.6346, 66.2140, 57.3600



Tritanopia

71.7603, 66.2229, 73.9659

Trichromacy



Original Color

68.4344, 66.2723, 57.3291

Protanomaly

64.9480, 66.2297, 59.2297

Deuteranomaly

67.9788, 66.3915, 57.3761

Tritanomaly

70.3850, 66.0037, 67.4228

Monochromacy



Original Color

68.4344, 66.2723, 57.3291

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.7989, 67.2135, 67.8981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4344, 66.2723, 57.3291 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, 204, 189)` looks like.

```
.text, #text, p{  
    color:rgb(245, 204, 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(245, 204, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 204, 189) }
```

Border

The CSS property to change the border of an element to XYZ 68.4344, 66.2723, 57.3291 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, 204, 189) }
```


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

```
.border{ border-color:rgb(245, 204, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 204, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 204, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 204, 189);  
box-shadow:4px 4px 4px 4px rgb(245, 204,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4344, 66.2723, 57.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 204, 189) }
```

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

```
.background{ background-color: rgb(245,  
204, 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](#).

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