

Converting Colors

XYZ(68.2370, 64.8622, 58.2402)

Have a look what the booklet for
XYZ(68.2370, 64.8622, 58.2402)
contains.

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Color

**XYZ(68.0643, 64.6630,
58.1840)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C8BF
RGB	246, 200, 191
RGB Percent	96%, 78%, 75%
CMY	0.0353, 0.2157, 0.2510
CMYK	0.00, 0.19, 0.22, 0.04
HSL	10°, 75%, 86%
HSV	10°, 22%, 96%
XYZ	68.0643, 64.6630, 58.1840
YIQ	212.7280, 30.3050, 6.9530

Conversions

Conversions Part 2

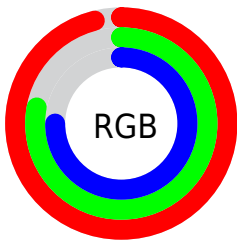
Format	Color
R _Y B	246, 202, 191
Decimal	16173247
CIE Lab	84.31, 14.96, 10.65
CIE LCh	84, 18.366, 35.444
Yxy	64.6630, 0.3565, 0.3387
Android (android.graphics.Color)	4294363327 (0xFFFF6C8BF)
YUV	212.7280, -10.7119, 29.1795
Hunter-Lab	80.4133, 10.3646, 13.3893

Details

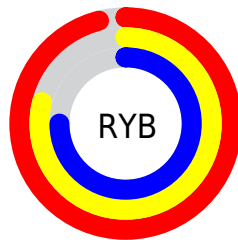
The XYZ color **68.0643, 64.6630, 58.1840** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.4038, 78.2964, 98.6967**, and the grayscale version is **63.1207, 66.4079, 72.3182**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **35.8526, 33.2116, 28.5656** is the 20% darker color. If you saturate the color by 10%, you get **61.1332, 54.7752, 43.6203**, and if you desaturate by 10%, it is **76.0947, 76.0208, 75.3588**.

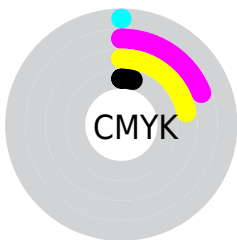
Distribution



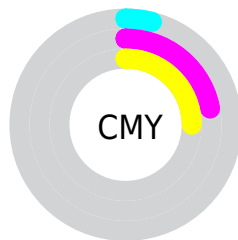
- Red (96%)
- Green (78%)
- Blue (75%)



- Red (96%)
- Yellow (79%)
- Blue (75%)



- Cyan (0%)
- Magenta (19%)
- Yellow (22%)
- Black (4%)





- Cyan (4%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.0643, 64.6630, 58.1840 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 68.0643, 64.6630, 58.1840 by changing the saturation by 10% instead.


 68.0643, 64.6630,
58.1840

 68.0643, 64.6630,
58.1840


443.0970,
441.5799, 435.4886

 50.2239, 47.1879,
41.5409


 115.4855,
111.5652, 103.7082

 35.8099, 33.1842,
28.4191


145.7971,
141.7611, 133.4264

 24.4568, 22.2676,
18.4000


180.9964,
176.9660, 168.3400

 15.7994, 14.0537,
11.0652

221.4488,
217.5644, 208.8676

 9.4723, 8.1580,
5.9960

267.5198,
263.9405, 255.4277

 5.1100, 4.1962,
2.7739

319.5745,

 2.3474, 1.7839,

316.4789, 308.4389

0.9804

377.9785,
375.5639, 368.3197

■ 0.8188, 0.4771,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.0643, 64.6630,
58.1840

■ 68.0643, 64.6630,
58.1840

■ 61.1332, 54.7752,
43.6203

■ 76.0947, 76.0208,
75.3588

■ 55.2481, 46.2885,
31.5357

■ 85.2644, 88.8962,
95.2599

■ 50.3589, 39.1420,
21.7927

■ 91.8162, 98.3329,
108.7487

■ 46.4095, 33.2664,
14.2386

■ 43.3377, 28.5863,
8.7026

■ 41.0737, 25.0183,
4.9885

■ 39.5362, 22.4675,
2.8601

■ 38.7744, 21.1292,
2.0347

Harmonies

Analogous

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



69.5914, 64.6630, 68.3004



68.0643, 64.6630, 58.1840



64.7729, 64.6630, 51.9123

Triad

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



68.0643, 64.6630, 58.1840



54.6082, 64.6630, 61.4906



62.2063, 64.6630, 95.1802

Complementary

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



68.0643, 64.6630, 58.1840



68.4038, 78.2964, 98.6967

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.



58.2625, 64.6630, 92.8429



68.0643, 64.6630, 58.1840



53.9885, 64.6630, 72.5565

Square

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



68.0643, 64.6630, 58.1840



57.0293, 64.6630, 53.6685



55.2978, 64.6630, 84.2321



66.1149, 64.6630, 90.3074

Rectangle

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



68.0643, 64.6630, 58.1840



62.0845, 64.6630, 50.3308



55.2978, 64.6630, 84.2321



60.8402, 64.6630, 95.2172

Sweetspot

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



68.0660, 64.6660, 58.1853



87.7294, 89.7461, 92.9346



72.0333, 63.0136, 89.0633



18.6489, 19.0284, 19.6122



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.



68.0660, 64.6660, 58.1853



70.1812, 64.9362, 55.3730



74.8113, 78.1566, 60.4338



16.7183, 16.9207, 17.1824



20.7626, 11.4108, 1.1082



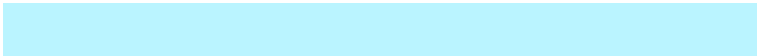
1.8872, 1.1276, 0.1182

Inverse Universe

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



68.4038, 78.2964, 98.6967



70.6049, 82.2155, 106.7556



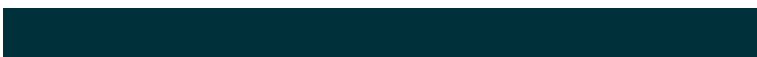
61.2295, 63.9477, 96.3052



16.7522, 18.2687, 21.1859



20.7125, 27.2188, 50.7001



1.8807, 2.5128, 4.4761

Previews

White Background



This preview shows how the XYZ color 68.0643, 64.6630, 58.1840 looks on a white background.

Color Contrast Check

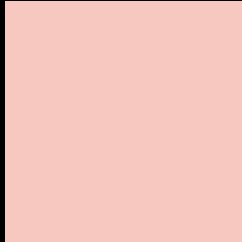
Large Text (above 18pt) WCAG AA × Fail

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 68.0643, 64.6630, 58.1840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

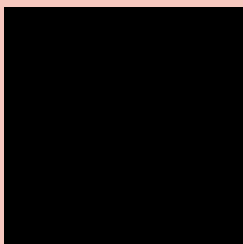
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.0643, 64.6630, 58.1840

Background



This preview shows how black text looks on a background with the XYZ color 68.0643, 64.6630, 58.1840.

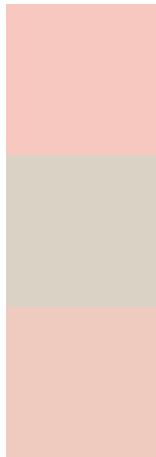


This preview shows how white text looks on a background with the XYZ color 68.0643, 64.6630,

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

68.0643, 64.6630, 58.1840

Protanopia

61.9238, 64.9841, 61.5040

Deuteranopia

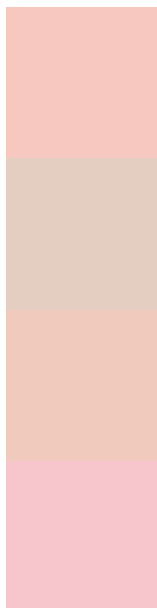
65.9101, 64.6067, 57.7117



Tritanopia

70.5613, 64.6424, 71.0456

Trichromacy



Original Color

68.0643, 64.6630, 58.1840

Protanomaly

63.8038, 64.5316, 60.1320

Deuteranomaly

66.6904, 64.6595, 57.6808

Tritanomaly

69.4509, 64.5220, 65.9203

Monochromacy



Original Color

68.0643, 64.6630, 58.1840

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.6267, 65.5271, 66.9994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0643, 64.6630, 58.1840 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, 200, 191)` looks like.

```
.text, #text, p{  
    color:rgb(246, 200, 191)  
}
```

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, 200, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 200, 191) }
```

Border

The CSS property to change the border of an element to XYZ 68.0643, 64.6630, 58.1840 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, 200, 191) }
```


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

```
.border{ border-color:rgb(246, 200, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 200, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 200, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 200, 191);  
box-shadow:4px 4px 4px 4px rgb(246, 200,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0643, 64.6630, 58.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 200, 191) }
```

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

```
.background{ background-color: rgb(246,  
200, 191) }
```

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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