

Converting Colors

XYZ(68.7702, 70.0044, 57.9628)

Have a look what the booklet for
XYZ(68.7702, 70.0044, 57.9628)
contains.

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Color

**XYZ(68.8285, 70.1180,
58.0506)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD6BD
RGB	239, 214, 189
RGB Percent	94%, 84%, 74%
CMY	0.0627, 0.1608, 0.2588
CMYK	0.00, 0.10, 0.21, 0.06
HSL	30°, 61%, 84%
HSV	30°, 21%, 94%
XYZ	68.8285, 70.1180, 58.0506
YIQ	218.6250, 22.9250, -2.4750

Conversions

Conversions Part 2

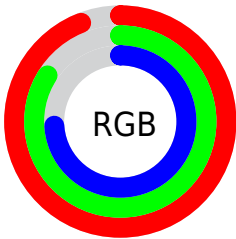
Format	Color
R _{YB}	239, 239, 189
Decimal	15718077
CIE _{Lab}	87.05, 4.80, 15.51
CIE _{LCh}	87, 16.233, 72.805
Y _{xy}	70.1180, 0.3494, 0.3559
Android (android.graphics.Color)	4293908157 (0xFFEFD6BD)
YUV	218.6250, -14.6051, 17.8689
Hunter-Lab	83.7365, 0.1820, 17.5126

Details

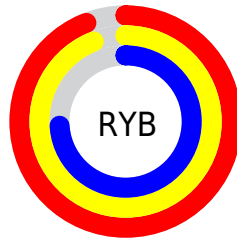
The XYZ color **68.8285, 70.1180, 58.0506** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.6124, 65.1424, 91.0409**, and the grayscale version is **67.1606, 70.6581, 76.9467**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **36.3705, 36.6411, 28.4481** is the 20% darker color. If you saturate the color by 10%, you get **63.5318, 63.3395, 44.5231**, and if you desaturate by 10%, it is **74.7783, 77.5175, 73.9066**.

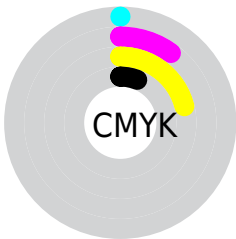
Distribution



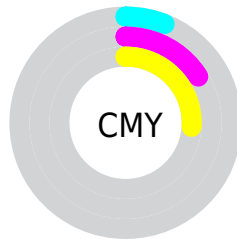
- Red (94%)
- Green (84%)
- Blue (74%)



- Red (94%)
- Yellow (94%)
- Blue (74%)



- Cyan (0%)
- Magenta (10%)
- Yellow (21%)
- Black (6%)



- Cyan (6%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.8285, 70.1180, 58.0506 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 68.8285, 70.1180, 58.0506 by changing the saturation by 10% instead.

68.8285, 70.1180,
58.0506

68.8285, 70.1180,
58.0506

445.7567,
460.9642, 434.9780

50.8482, 51.6227,
41.4344

116.5720,
119.3770, 103.5120

36.3084, 36.7045,
28.3364

147.0659,
150.9096, 133.1943

24.8436, 24.9787,
18.3381

182.4617,
187.5567, 168.0690

16.0887, 16.0612,
11.0211

223.1248,
229.7027, 208.5547

9.6782, 9.5675,
5.9667

269.4204,
277.7321, 255.0699

5.2467, 5.1131,
2.7564

321.7141,

2.4290, 2.3138,

332.0292, 308.0332

0.9716

380.3711,
392.9784, 367.8630

■ 0.8596, 0.7810,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.8285, 70.1180,
58.0506

■ 68.8285, 70.1180,
58.0506

■ 63.5318, 63.3395,
44.5231

■ 74.7783, 77.5175,
73.9066

■ 58.8569, 57.1547,
33.2079

■ 81.3998, 85.5454,
92.1907

■ 54.7782, 51.5479,
23.9853

■ 87.7856, 93.8483,
108.0955

■ 51.2657, 46.4989,
16.7226

■ 89.4068, 97.0908,
108.6359

■ 48.2864, 41.9863,
11.2714

■ 45.8027, 37.9861,
7.4618

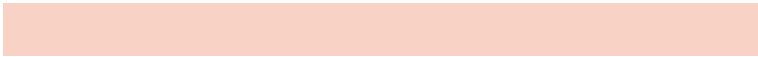
■ 43.7709, 34.4719,
5.0908

■ 42.2561, 31.6693,
3.8857

Harmonies

Analogous

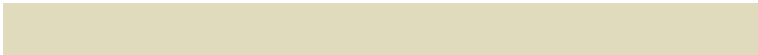
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.1506, 70.1180, 62.9923



68.8285, 70.1180, 58.0506



65.0388, 70.1180, 57.7056

Triad

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



68.8285, 70.1180, 58.0506



59.7712, 70.1180, 81.0787



71.7341, 70.1180, 92.7509

Complementary

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



68.8285, 70.1180, 58.0506



60.6124, 65.1424, 91.0409

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.



68.2775, 70.1180, 98.6232



68.8285, 70.1180, 58.0506



61.4269, 70.1180, 91.4662

Square

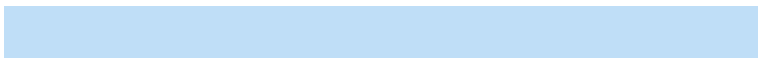
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.8285, 70.1180, 58.0506



59.9060, 70.1180, 70.3260



64.5083, 70.1180, 98.1319



73.8715, 70.1180, 82.7013

Rectangle

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



68.8285, 70.1180, 58.0506



62.7644, 70.1180, 60.0745



64.5083, 70.1180, 98.1319



70.6824, 70.1180, 95.3199

Sweetspot

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



68.8304, 70.1212, 58.0521



90.2920, 94.2701, 95.6417



65.9325, 59.6019, 71.6484



19.2191, 20.0477, 20.1759



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.



68.8304, 70.1212, 58.0521



77.0942, 77.8780, 60.4032



75.6490, 83.7584, 60.3249



16.4259, 17.0650, 16.5778



23.4828, 17.7637, 2.1911



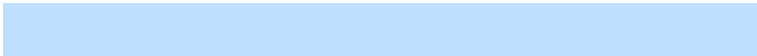
2.0530, 1.6768, 0.2154

Inverse Universe

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



60.6124, 65.1424, 91.0409



66.0183, 71.1677, 104.8650



54.7647, 53.4470, 89.0917



15.5501, 16.5344, 20.0935



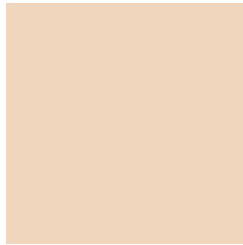
12.4182, 11.0606, 46.6083



1.1326, 1.1191, 3.9105

Previews

White Background



This preview shows how the XYZ color 68.8285, 70.1180, 58.0506 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 68.8285, 70.1180, 58.0506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

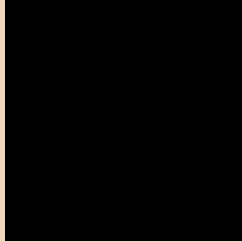
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.8285, 70.1180, 58.0506

Background



This preview shows how black text looks on a background with the XYZ color 68.8285, 70.1180, 58.0506.



This preview shows how white text looks on a background with the XYZ color 68.8285, 70.1180,

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

68.8285, 70.1180, 58.0506

Protanopia

66.4703, 70.3984, 59.3751

Deuteranopia

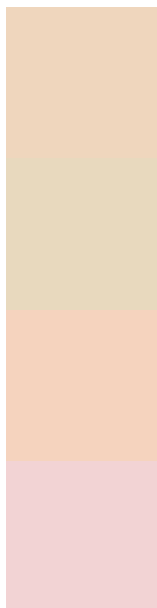
71.4078, 69.9506, 58.4534



Tritanopia

73.6993, 70.2703, 80.9133

Trichromacy



Original Color

68.8285, 70.1180, 58.0506

Protanomaly

67.3858, 70.4992, 58.7713

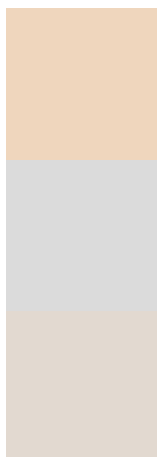
Deuteranomaly

70.2447, 69.7187, 58.4700

Tritanomaly

71.7959, 70.2192, 72.0570

Monochromacy



Original Color

68.8285, 70.1180, 58.0506

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.5621, 70.3485, 69.6922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8285, 70.1180, 58.0506 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(239, 214, 189)` looks like.

```
.text, #text, p{  
    color:rgb(239, 214, 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(239, 214, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 214, 189) }
```

Border

The CSS property to change the border of an element to XYZ 68.8285, 70.1180, 58.0506 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(239, 214, 189) }
```


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

```
.border{ border-color:rgb(239, 214, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 214, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 214, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 214, 189);  
box-shadow:4px 4px 4px 4px rgb(239, 214,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8285, 70.1180, 58.0506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 214, 189) }
```

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

```
.background{ background-color: rgb(239,  
214, 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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