

Converting Colors

XYZ(67.5332, 67.2271, 58.0663)

Have a look what the booklet for
XYZ(67.5332, 67.2271, 58.0663)
contains.

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Color

**XYZ(67.4467, 67.1802,
58.1274)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD0BE
RGB	239, 208, 190
RGB Percent	94%, 82%, 75%
CMY	0.0627, 0.1843, 0.2549
CMYK	0.00, 0.13, 0.21, 0.06
HSL	22°, 60%, 84%
HSV	22°, 21%, 94%
XYZ	67.4467, 67.1802, 58.1274
YIQ	215.2170, 24.2540, 0.9740

Conversions

Conversions Part 2

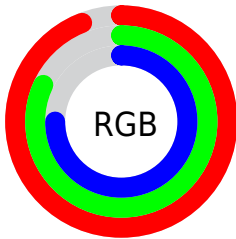
Format	Color
R _Y B	239, 218, 190
Decimal	15716542
CIE Lab	85.59, 8.07, 12.92
CIE LCh	86, 15.230, 58.020
Yxy	67.1802, 0.3499, 0.3485
Android (android.graphics.Color)	4293906622 (0xFFEFD0BE)
YUV	215.2170, -12.4320, 20.8577
Hunter-Lab	81.9635, 3.4491, 15.3268

Details

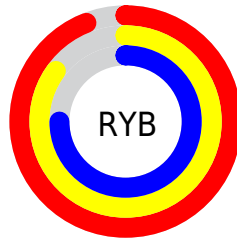
The XYZ color **67.4467, 67.1802, 58.1274** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.6710, 68.8901, 91.6557**, and the grayscale version is **64.8099, 68.1851, 74.2535**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **35.5994, 34.9846, 28.5433** is the 20% darker color. If you saturate the color by 10%, you get **61.5342, 59.1981, 44.3084**, and if you desaturate by 10%, it is **74.1426, 76.0425, 74.3224**.

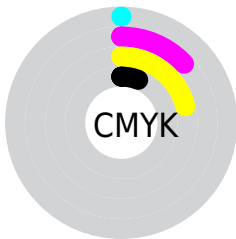
Distribution



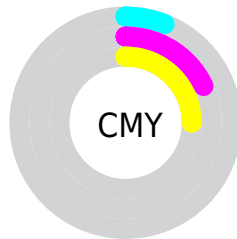
- Red (94%)
- Green (82%)
- Blue (75%)



- Red (94%)
- Yellow (85%)
- Blue (75%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (6%)




- Cyan (6%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4467, 67.1802, 58.1274 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 67.4467, 67.1802, 58.1274 by changing the saturation by 10% instead.


 67.4467, 67.1802,
58.1274

 67.4467, 67.1802,
58.1274


440.9407,
450.5859, 435.2720

 49.7198, 49.2311,
41.4957

 114.6065,
115.1786, 103.6250

 35.4077, 34.8028,
28.3840


144.7701,
145.9966, 133.3279

 24.1451, 23.5110,
18.3738


179.8100,
181.8731, 168.2250

 15.5666, 14.9713,
11.0465

220.0915,
223.1924, 208.7349

 9.3069, 8.7992,
5.9835

265.9799,
270.3390, 255.2759

 5.0006, 4.6105,
2.7664

317.8407,

 2.2824, 2.0206,

323.6972, 308.2668

0.9766

376.0392,
383.6513, 368.1259

■ 0.7856, 0.6194,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.4467, 67.1802,
58.1274

■ 67.4467, 67.1802,
58.1274

■ 61.5342, 59.1981,
44.3084

■ 74.1426, 76.0425,
74.3224

■ 56.3690, 52.0591,
32.7480

■ 81.6453, 85.8023,
92.9945

■ 51.9202, 45.7369,
23.3252

■ 88.8858, 96.0490,
108.4623

■ 48.1521, 40.2000,
15.9058

■ 89.4067, 97.0908,
108.6359

■ 45.0259, 35.4149,
10.3403

■ 42.4979, 31.3449,
6.4576

■ 40.5175, 27.9496,
4.0543

■ 39.0717, 25.3007,
2.8242

Harmonies

Analogous

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



69.9166, 67.1802, 64.5453



67.4467, 67.1802, 58.1274



64.0832, 67.1802, 55.6877

Triad

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



67.4467, 67.1802, 58.1274



57.4231, 67.1802, 72.4906



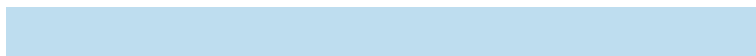
67.0340, 67.1802, 91.3178

Complementary

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



67.4467, 67.1802, 58.1274



62.6710, 68.8901, 91.6557

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.



63.6229, 67.1802, 93.9220



67.4467, 67.1802, 58.1274



58.1501, 67.1802, 82.4826

Square

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



67.4467, 67.1802, 58.1274



58.3666, 67.1802, 63.5006



60.3888, 67.1802, 90.5556



69.6724, 67.1802, 83.7258

Rectangle

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



67.4467, 67.1802, 58.1274



61.8139, 67.1802, 56.4621



60.3888, 67.1802, 90.5556



65.9360, 67.1802, 92.8341

Sweetspot

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



67.4485, 67.1832, 58.1288



89.6735, 93.0332, 95.4355



67.0662, 60.4006, 76.5542



19.0730, 19.7556, 20.1272



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.



67.4485, 67.1832, 58.1288



74.8892, 73.4680, 59.6682



73.8795, 80.0452, 60.2725



16.2484, 16.7100, 16.5187



21.7063, 14.2106, 1.5989



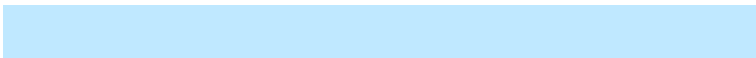
1.8976, 1.3659, 0.1636

Inverse Universe

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



62.6710, 68.8901, 91.6557



68.3360, 75.8032, 105.6375



56.6764, 56.9009, 89.6575



15.7307, 16.8956, 20.1537



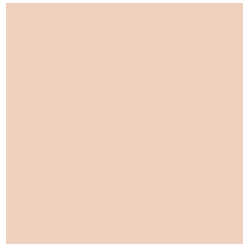
14.8710, 15.9663, 47.4259



1.3317, 1.5174, 3.9769

Previews

White Background



This preview shows how the XYZ color 67.4467, 67.1802, 58.1274 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 67.4467, 67.1802, 58.1274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

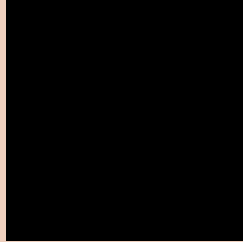
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4467, 67.1802, 58.1274

Background



This preview shows how black text looks on a background with the XYZ color 67.4467, 67.1802, 58.1274.



This preview shows how white text looks on a background with the XYZ color 67.4467, 67.1802,

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

67.4467, 67.1802, 58.1274

Protanopia

63.8513, 67.1267, 60.0435

Deuteranopia

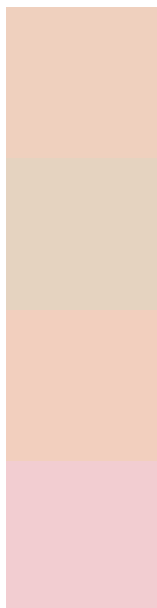
68.3277, 66.9150, 58.0298



Tritanopia

71.4733, 67.4077, 76.9541

Trichromacy



Original Color

67.4467, 67.1802, 58.1274

Protanomaly

65.1218, 67.0523, 59.3793

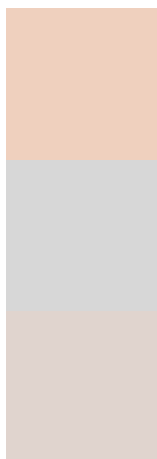
Deuteranomaly

68.2250, 67.2206, 58.0942

Tritanomaly

69.9579, 67.1433, 69.5944

Monochromacy



Original Color

67.4467, 67.1802, 58.1274

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.4245, 67.3905, 67.9519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4467, 67.1802, 58.1274 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, 208, 190) looks like.

```
.text, #text, p{  
    color:rgb(239, 208, 190)  
}
```

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, 208, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 208, 190) }
```

Border

The CSS property to change the border of an element to XYZ 67.4467, 67.1802, 58.1274 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, 208, 190) }
```


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

```
.border{ border-color:rgb(239, 208, 190) }
```

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

Here you see how a box with a 4 pixel rgb(239, 208, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 208, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 208, 190);  
box-shadow:4px 4px 4px 4px rgb(239, 208,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4467, 67.1802, 58.1274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 208, 190) }
```

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

```
.background{ background-color: rgb(239,  
208, 190) }
```

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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