

Converting Colors

XYZ(67.2929, 68.3550, 59.8088)

Have a look what the booklet for
XYZ(67.2929, 68.3550, 59.8088)
contains.

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Color

**XYZ(67.4301, 68.5994,
60.1391)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EBD4C1 |
| RGB | 235, 212, 193 |
| RGB Percent | 92%, 83%, 76% |
| CMY | 0.0784, 0.1686, 0.2431 |
| CMYK | 0.00, 0.10, 0.18, 0.08 |
| HSL | 27°, 51%, 84% |
| HSV | 27°, 18%, 92% |
| XYZ | 67.4301, 68.5994, 60.1391 |
| YIQ | 216.7110, 19.8070, -1.0330 |

Conversions

Conversions Part 2

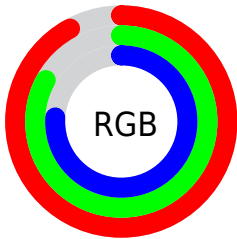
| Format | Color |
|-------------------------------------|--|
| RYB | 235, 228, 193 |
| Decimal | 15455425 |
| CIELab | 86.31, 4.97, 12.29 |
| CIELCh | 86, 13.259, 67.997 |
| Yxy | 68.5994, 0.3437, 0.3497 |
| Android (android.graphics.Color) | 4293645505 (0xFFEBD4C1) |
| YUV | 216.7110, -11.6895, 16.0395 |
| Hunter-Lab | 82.8248, 0.3788, 14.9268 |

Details

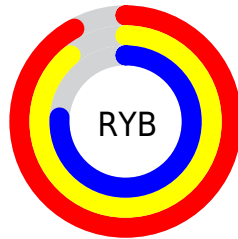
The XYZ color **67.4301, 68.5994, 60.1391** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5432, 66.4459, 88.1795**, and the grayscale version is **65.8250, 69.2530, 75.4166**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **35.3076, 35.5617, 29.4293** is the 20% darker color. If you saturate the color by 10%, you get **61.9253, 61.4567, 46.3819**, and if you desaturate by 10%, it is **73.6116, 76.4276, 76.1785**.

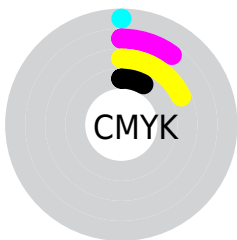
Distribution



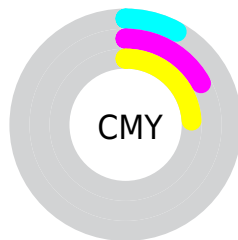
- Red (92%)
- Green (83%)
- Blue (76%)



- Red (92%)
- Yellow (89%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (18%)
- Black (8%)





- Cyan (8%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4301, 68.5994, 60.1391 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 67.4301, 68.5994, 60.1391 by changing the saturation by 10% instead.


 67.4301, 68.5994,
60.1391

 67.4301, 68.5994,
60.1391


440.8826,
455.6168, 442.9292

 49.7062, 50.3855,
43.1047


 114.5829,
117.2092, 106.5768

 35.3969, 35.7198,
29.6353


144.7425,
148.3740, 136.8172

 24.1367, 24.2179,
19.3122

179.7781,
184.6244, 172.2966

 15.5603, 15.4953,
11.7170

220.0549,
226.3451, 213.4337

 9.3024, 9.1678,
6.4311

265.9385,
273.9202, 260.6470

 4.9977, 4.8508,
3.0359

317.7940,

 2.2806, 2.1600,

327.7343, 314.3549

1.1130

375.9870,
388.1717, 374.9762

0.7847, 0.6980,
0.0000

0.0000, 0.0000,
0.0000

67.4301, 68.5994,
60.1391

67.4301, 68.5994,
60.1391

61.9253, 61.4567,
46.3819

73.6116, 76.4276,
76.1785

57.0660, 54.9705,
34.7974

80.4882, 84.9508,
94.5944

52.8268, 49.1230,
25.2731

86.6853, 93.6304,
108.1114

49.1780, 43.8923,
17.6848

88.0712, 96.4023,
108.5734

■ 46.0871, 39.2546,
11.8947

■ 43.5181, 35.1842,
7.7465

■ 41.4290, 31.6529,
5.0564

■ 39.7651, 28.6262,
3.5732

■ 39.4499, 28.0396,
3.3329

Harmonies

Analogous

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



69.9472, 68.5994, 64.7961



67.4301, 68.5994, 60.1391



64.3869, 68.5994, 59.2237

Triad

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



67.4301, 68.5994, 60.1391



59.5491, 68.5994, 77.0610



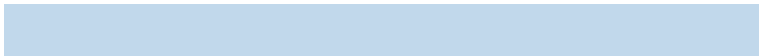
68.8898, 68.5994, 88.7687

Complementary

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



67.4301, 68.5994, 60.1391



61.5432, 66.4459, 88.1795

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.



66.0233, 68.5994, 92.6457



67.4301, 68.5994, 60.1391



60.6758, 68.5994, 85.5498

Square

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



67.4301, 68.5994, 60.1391



59.8992, 68.5994, 68.5584



63.0229, 68.5994, 91.4239



70.8082, 68.5994, 81.1832

Rectangle

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



67.4301, 68.5994, 60.1391



62.4796, 68.5994, 60.7856



63.0229, 68.5994, 91.4239



68.0017, 68.5994, 90.5748

Sweetspot

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



67.4319, 68.6025, 60.1405



90.8779, 94.8325, 97.7161



65.7393, 60.7660, 73.2985



19.3298, 20.1463, 20.5914



0.0000, 0.0000, 0.0000



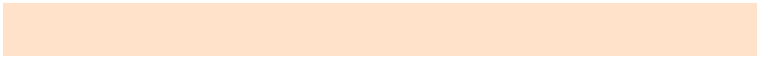
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.4319, 68.6025, 60.1405



78.9453, 79.7175, 66.7624



72.9979, 79.7343, 61.9959



15.6268, 16.1766, 15.8175



22.0793, 15.8528, 1.8962



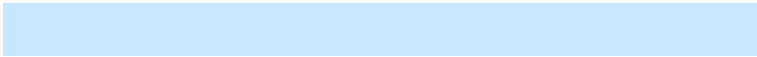
1.8287, 1.4347, 0.1805

Inverse Universe

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



61.5432, 66.4459, 88.1795



70.7699, 76.7227, 105.6867



56.5261, 56.4116, 86.5071



14.9148, 15.9160, 19.2082



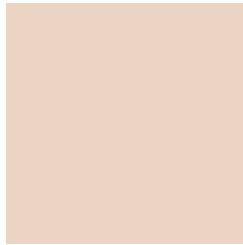
12.8195, 12.2860, 45.4387



1.1026, 1.1566, 3.6000

Previews

White Background



This preview shows how the XYZ color 67.4301, 68.5994, 60.1391 looks on a white background.

Color Contrast Check

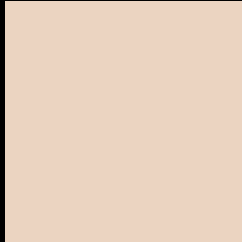
Large Text (above 18pt) WCAG AA × Fail

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 67.4301, 68.5994, 60.1391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

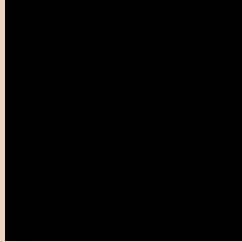
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4301, 68.5994, 60.1391

Background



This preview shows how black text looks on a background with the XYZ color 67.4301, 68.5994, 60.1391.



This preview shows how white text looks on a background with the XYZ color 67.4301, 68.5994,

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

67.4301, 68.5994, 60.1391

Protanopia

65.2021, 68.5486, 61.4244

Deuteranopia

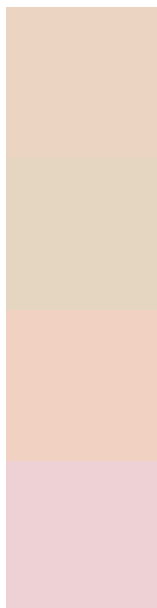
69.9497, 68.4193, 60.5584



Tritanopia

71.3640, 68.3582, 79.9542

Trichromacy



Original Color

67.4301, 68.5994, 60.1391

Protanomaly

66.0973, 68.6462, 60.8053

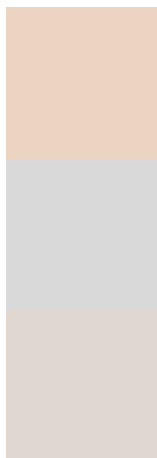
Deuteranomaly

68.8137, 68.1967, 60.5754

Tritanomaly

70.0706, 68.5822, 72.4954

Monochromacy



Original Color

67.4301, 68.5994, 60.1391

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.4261, 69.0022, 69.4922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4301, 68.5994, 60.1391 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(235, 212, 193) looks like.

```
.text, #text, p{  
    color:rgb(235, 212, 193)  
}
```

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(235, 212, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 212, 193) }
```

Border

The CSS property to change the border of an element to XYZ 67.4301, 68.5994, 60.1391 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(235, 212, 193) }
```


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

```
.border{ border-color:rgb(235, 212, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 212, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 212, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 212, 193);  
box-shadow:4px 4px 4px 4px rgb(235, 212,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4301, 68.5994, 60.1391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 212, 193) }
```

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

```
.background{ background-color: rgb(235,  
212, 193) }
```

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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