

Converting Colors

XYZ(67.4145, 71.5496, 63.1744)

Have a look what the booklet for
XYZ(67.4145, 71.5496, 63.1744)
contains.

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Color

**XYZ(67.3498, 71.5485,
63.0839)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DCC5
RGB	227, 220, 197
RGB Percent	89%, 86%, 77%
CMY	0.1098, 0.1372, 0.2274
CMYK	0.00, 0.03, 0.13, 0.11
HSL	46°, 35%, 83%
HSV	46°, 13%, 89%
XYZ	67.3498, 71.5485, 63.0839
YIQ	219.4710, 11.5550, -5.6690

Conversions

Conversions Part 2

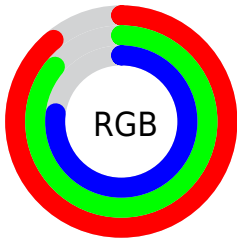
Format	Color
R _Y B	206, 227, 197
Decimal	14933189
CIE Lab	87.75, -1.44, 12.15
CIE LCh	88, 12.235, 96.760
Yxy	71.5485, 0.3334, 0.3542
Android (android.graphics.Color)	4293123269 (0xFFE3DCC5)
YUV	219.4710, -11.0782, 6.6029
Hunter-Lab	84.5863, -5.8999, 14.9924

Details

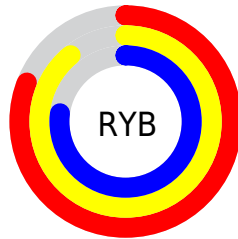
The XYZ color **67.3498, 71.5485, 63.0839** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4838, 60.6010, 81.2884**, and the grayscale version is **67.7297, 71.2569, 77.5988**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **35.4263, 37.6641, 31.3893** is the 20% darker color. If you saturate the color by 10%, you get **63.5755, 67.8533, 49.9450**, and if you desaturate by 10%, it is **71.5637, 75.4947, 78.3034**.

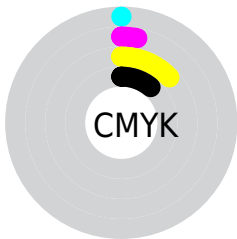
Distribution



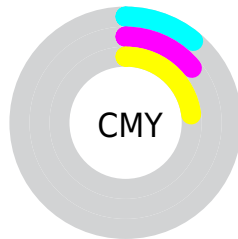
- Red (89%)
- Green (86%)
- Blue (77%)



- Red (81%)
- Yellow (89%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3498, 71.5485, 63.0839 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 67.3498, 71.5485, 63.0839 by changing the saturation by 10% instead.

67.3498, 71.5485,
63.0839

67.3498, 71.5485,
63.0839

440.6018,
465.9686, 453.9902

49.6407, 52.7899,
45.4677

114.4685,
121.4144, 110.8773

35.3446, 37.6351,
31.4803

144.6089,
153.2905, 141.8915

24.0962, 25.6996,
20.7033

179.6236,
190.3080, 178.2088

15.5301, 16.5990,
12.7182

219.8782,
232.8511, 220.2477

9.2810, 9.9490,
7.1063

265.7380,
281.3043, 268.4268

4.9835, 5.3652,
3.4492

317.5683,

2.2722, 2.4631,

336.0521, 323.1645

1.3283

375.7344,
397.4787, 384.8795

■ 0.7804, 0.8581,
0.0849

■ 0.0000, 0.0000,
0.0000

■ 67.3498, 71.5485,
63.0839

■ 67.3498, 71.5485,
63.0839

■ 63.5755, 67.8533,
49.9450

■ 71.5637, 75.4947,
78.3034

■ 60.2171, 64.3918,
38.7901

■ 76.2282, 79.6898,
95.6853

■ 57.2575, 61.1589,
29.5216

■ 79.6913, 83.4760,
106.5200

■ 54.6757, 58.1456,
22.0322

■ 81.2371, 86.5675,
107.0353

■ 52.4490, 55.3421,
16.2032

■ 82.8284, 89.7501,
107.5657

■ 50.5516, 52.7374,
11.9018

■ 84.4656, 93.0245,
108.1115

■ 48.9540, 50.3190,
8.9747

■ 85.4888, 95.0710,
108.4525

■ 47.6206, 48.0720,
7.2360

■ 46.8280, 46.6294,
6.5323

Harmonies

Analogous

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



70.2309, 71.5485, 64.1198



67.3498, 71.5485, 63.0839



64.7187, 71.5485, 65.7866

Triad

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



67.3498, 71.5485, 63.0839



63.6303, 71.5485, 87.8677



73.2634, 71.5485, 84.3834

Complementary

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



67.3498, 71.5485, 63.0839



58.4838, 60.6010, 81.2884

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.



71.4001, 71.5485, 91.4252



67.3498, 71.5485, 63.0839



65.8260, 71.5485, 93.5347

Square

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



67.3498, 71.5485, 63.0839



62.6112, 71.5485, 79.8010



68.6638, 71.5485, 94.8808



73.6994, 71.5485, 76.0376

Rectangle

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



67.3498, 71.5485, 63.0839



63.4424, 71.5485, 69.4664



68.6638, 71.5485, 94.8808



72.7807, 71.5485, 86.9990

Sweetspot

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



67.3517, 71.5517, 63.0854



92.6968, 97.8522, 100.2279



62.5448, 60.6241, 65.5329



19.7485, 20.8592, 21.1147



0.0000, 0.0000, 0.0000



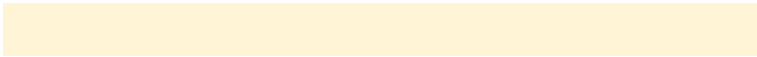
20.3446, 21.4041, 23.3091

Same Dimension

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



67.3517, 71.5517, 63.0854



86.2028, 91.7246, 76.9136



66.7613, 74.0302, 63.5950



15.3018, 16.2174, 15.2282



27.4032, 27.3805, 3.8407



2.0943, 2.1619, 0.3069

Inverse Universe

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



58.4838, 60.6010, 81.2884



72.4188, 74.7039, 105.2102



59.0092, 58.4588, 80.8472



13.8542, 14.4298, 18.1994



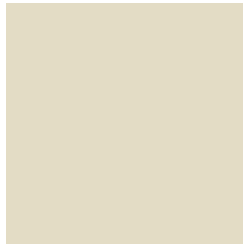
8.9009, 4.8638, 42.8529



0.7277, 0.4994, 3.1900

Previews

White Background



This preview shows how the XYZ color 67.3498, 71.5485, 63.0839 looks on a white background.

Color Contrast Check

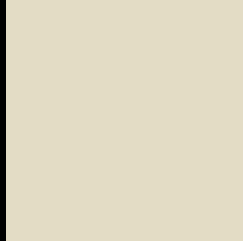
Large Text (above 18pt) WCAG AA × Fail

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 67.3498, 71.5485, 63.0839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

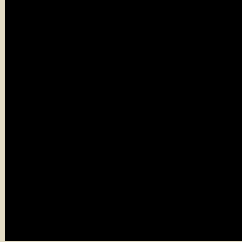
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

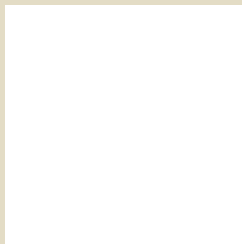
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3498, 71.5485, 63.0839

Background



This preview shows how black text looks on a background with the XYZ color 67.3498, 71.5485, 63.0839.

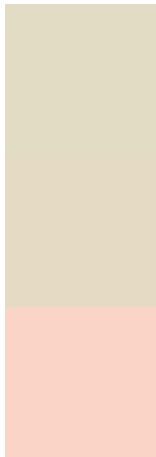


This preview shows how white text looks on a background with the XYZ color 67.3498, 71.5485,

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

67.3498, 71.5485, 63.0839

Protanopia

67.7227, 71.3523, 63.0263

Deuteranopia

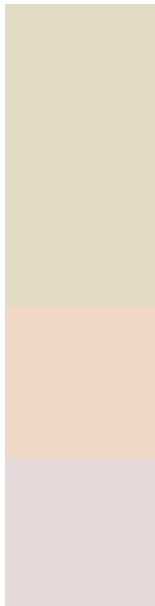
72.9192, 71.3502, 63.9615



Tritanopia

72.1446, 71.5829, 86.3584

Trichromacy



Original Color

67.3498, 71.5485, 63.0839

Protanomaly

67.4045, 71.1882, 63.0114

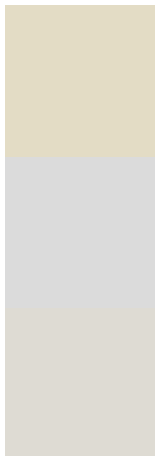
Deuteranomaly

70.7691, 71.3789, 63.4736

Tritanomaly

70.2322, 71.5632, 77.1293

Monochromacy



Original Color

67.3498, 71.5485, 63.0839

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.2136, 70.8958, 71.7697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3498, 71.5485, 63.0839 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(227, 220, 197)` looks like.

```
.text, #text, p{  
    color:rgb(227, 220, 197)  
}
```

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(227, 220, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 220, 197) }
```

Border

The CSS property to change the border of an element to XYZ 67.3498, 71.5485, 63.0839 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(227, 220, 197) }
```


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

```
.border{ border-color:rgb(227, 220, 197) }
```

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

Here you see how a box with a 4 pixel rgb(227, 220, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 220, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 220, 197);  
box-shadow:4px 4px 4px 4px rgb(227, 220,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3498, 71.5485, 63.0839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 220, 197) }
```

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

```
.background{ background-color: rgb(227,  
220, 197) }
```

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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