

Converting Colors

XYZ(66.3185, 67.7072, 68.3006)

Have a look what the booklet for
XYZ(66.3185, 67.7072, 68.3006)
contains.

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Color

**XYZ(66.4845, 67.9229,
68.6378)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D4CF
RGB	227, 212, 207
RGB Percent	89%, 83%, 81%
CMY	0.1098, 0.1686, 0.1882
CMYK	0.00, 0.07, 0.09, 0.11
HSL	15°, 26%, 85%
HSV	15°, 9%, 89%
XYZ	66.4845, 67.9229, 68.6378
YIQ	215.9150, 10.5450, 1.6250

Conversions

Conversions Part 2

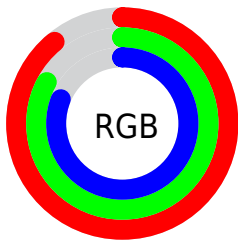
Format	Color
R_{YB}	227, 214, 207
Decimal	14931151
CIE _{Lab}	85.97, 4.33, 4.32
CIE _{LCh}	86, 6.115, 44.948
Yxy	67.9229, 0.3274, 0.3345
Android (android.graphics.Color)	4293121231 (0xFFE3D4CF)
YUV	215.9150, -4.3951, 9.7215
Hunter-Lab	82.4154, -0.2308, 8.3124

Details

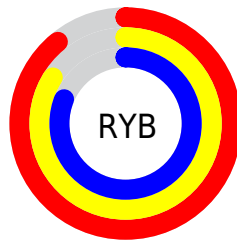
The XYZ color **66.4845, 67.9229, 68.6378** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7182, 71.0526, 82.9245**, and the grayscale version is **65.2379, 68.6354, 74.7439**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8200, 35.1845, 35.0931** is the 20% darker color. If you saturate the color by 10%, you get **59.8740, 58.8281, 53.7125**, and if you desaturate by 10%, it is **73.9463, 78.0804, 85.8170**.

Distribution



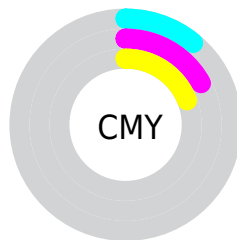
- Red (89%)
- Green (83%)
- Blue (81%)



- Red (89%)
- Yellow (84%)
- Blue (81%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4845, 67.9229, 68.6378 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 66.4845, 67.9229, 68.6378 by changing the saturation by 10% instead.

66.4845, 67.9229,
68.6378

66.4845, 67.9229,
68.6378

437.5690,
453.2228, 474.4118

48.9350, 49.8350,
49.9469

113.2353,
116.2418, 118.9269

34.7822, 35.2823,
35.0003

143.1673,
147.2417, 151.3622

23.6609, 23.8804,
23.3795

177.9575,
183.3143, 189.2160

15.2056, 15.2449,
14.6661

217.9713,
224.8441, 232.9068

9.0511, 8.9915,
8.4414

263.5740,
272.2154, 282.8533

4.8319, 4.7356,
4.2868

315.1309,

2.1827, 2.0930,

325.8127, 339.4739

1.7840

373.0075,
386.0204, 403.1872

■ 0.7336, 0.6607,
0.4174

■ 0.0000, 0.0000,
0.0000

■ 66.4845, 67.9229,
68.6378

■ 66.4845, 67.9229,
68.6378

■ 59.8740, 58.8281,
53.7125

■ 73.9463, 78.0804,
85.8170

■ 54.0785, 50.7524,
40.9429

■ 82.2830, 89.3244,
105.3341

■ 49.0671, 43.6627,
30.2299

■ 85.4888, 95.0710,
108.4525

■ 44.8048, 37.5204,
21.4651

■ 41.2539, 32.2843,
14.5299

■ 38.3732, 27.9103,
9.2925

■ 36.1168, 24.3501,
5.6037

■ 34.4323, 21.5504,
3.2874

■ 33.2485, 19.4468,
2.0788

Harmonies

Analogous

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



67.1971, 67.9229, 71.9838



66.4845, 67.9229, 68.6378



65.2609, 67.9229, 66.7521

Triad

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



66.4845, 67.9229, 68.6378



61.9915, 67.9229, 71.9705



65.2562, 67.9229, 81.6654

Complementary

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



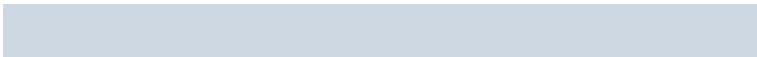
66.4845, 67.9229, 68.6378



65.7182, 71.0526, 82.9245

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.



63.8615, 67.9229, 81.6615



66.4845, 67.9229, 68.6378



61.9903, 67.9229, 75.9648

Square

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



66.4845, 67.9229, 68.6378



62.6738, 67.9229, 68.6284



62.6704, 67.9229, 79.5431



66.4810, 67.9229, 79.5535

Rectangle

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



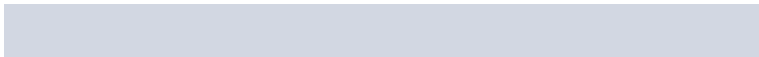
66.4845, 67.9229, 68.6378



64.3266, 67.9229, 66.5319



62.6704, 67.9229, 79.5431



64.7914, 67.9229, 81.9139

Sweetspot

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



66.4864, 67.9259, 68.6393



92.0400, 95.9118, 101.9409



67.1770, 66.2314, 78.3513



19.5319, 20.2998, 21.4314



0.0000, 0.0000, 0.0000



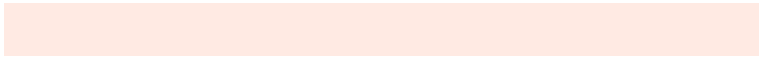
20.3446, 21.4041, 23.3091

Same Dimension

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



66.4864, 67.9259, 68.6393



84.5121, 85.6310, 84.7110



69.0631, 73.0792, 69.4981



14.6685, 14.9509, 15.0172



19.4006, 11.3754, 1.1731



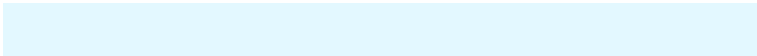
1.5061, 0.9856, 0.1109

Inverse Universe

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



65.7182, 71.0526, 82.9245



83.2745, 90.6662, 107.7190



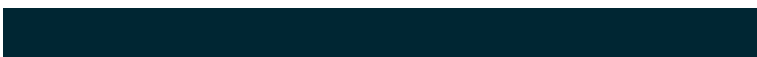
63.1416, 65.8994, 82.0656



14.4861, 15.6935, 18.4100



16.5888, 20.2396, 45.4155



1.2983, 1.6406, 3.3802

Previews

White Background



This preview shows how the XYZ color 66.4845, 67.9229, 68.6378 looks on a white background.

Color Contrast Check

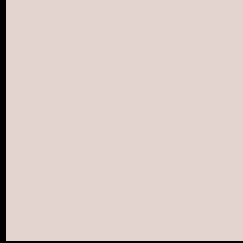
Large Text (above 18pt) WCAG AA × Fail

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 66.4845, 67.9229, 68.6378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

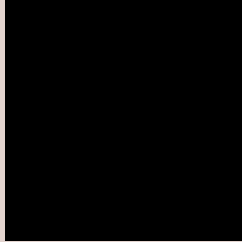
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

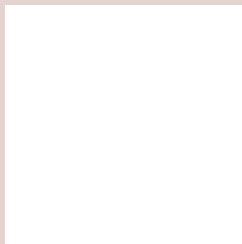
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4845, 67.9229, 68.6378

Background



This preview shows how black text looks on a background with the XYZ color 66.4845, 67.9229, 68.6378.

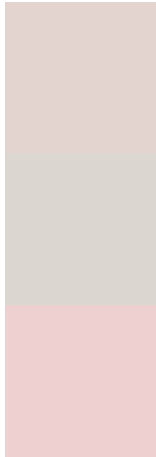


This preview shows how white text looks on a background with the XYZ color 66.4845, 67.9229,

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

66.4845, 67.9229, 68.6378

Protanopia

64.9469, 67.8628, 69.3503

Deuteranopia

69.2009, 67.8430, 69.1222



Tritanopia

69.1611, 67.9149, 81.4152

Trichromacy



Original Color

66.4845, 67.9229, 68.6378

Protanomaly

65.6108, 67.8305, 69.3090

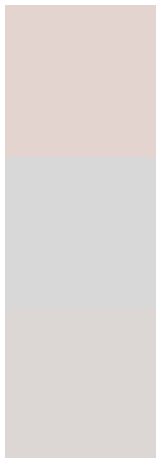
Deuteranomaly

68.1173, 67.6474, 69.1416

Tritanomaly

68.1459, 67.8657, 76.5255

Monochromacy



Original Color

66.4845, 67.9229, 68.6378

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.8259, 68.6206, 72.7265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4845, 67.9229, 68.6378 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, 212, 207) looks like.

```
.text, #text, p{  
    color:rgb(227, 212, 207)  
}
```

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, 212, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 212, 207) }
```

Border

The CSS property to change the border of an element to XYZ 66.4845, 67.9229, 68.6378 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, 212, 207) }
```


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

```
.border{ border-color:rgb(227, 212, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 212, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 212, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 212, 207);  
box-shadow:4px 4px 4px 4px rgb(227, 212,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4845, 67.9229, 68.6378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 212, 207) }
```

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

```
.background{ background-color: rgb(227,  
212, 207) }
```

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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