

Converting Colors

XYZ(64.8625, 66.9504, 63.3157)

Have a look what the booklet for
XYZ(64.8625, 66.9504, 63.3157)
contains.

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Color

**XYZ(64.9671, 66.8808,
63.5180)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D3C7
RGB	226, 211, 199
RGB Percent	89%, 83%, 78%
CMY	0.1137, 0.1725, 0.2196
CMYK	0.00, 0.07, 0.12, 0.11
HSL	27°, 32%, 83%
HSV	27°, 12%, 89%
XYZ	64.9671, 66.8808, 63.5180
YIQ	214.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

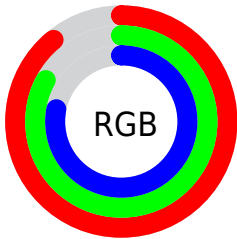
Format	Color
R _Y B	226, 221, 199
Decimal	14865351
CIE Lab	85.44, 3.18, 7.79
CIE LCh	85, 8.416, 67.768
Yxy	66.8808, 0.3325, 0.3423
Android (android.graphics.Color)	4293055431 (0xFFE2D3C7)
YUV	214.1170, -7.4527, 10.4214
Hunter-Lab	81.7807, -1.3146, 11.1967

Details

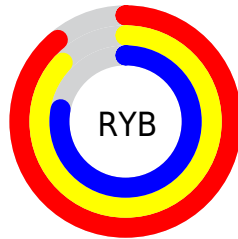
The XYZ color **64.9671, 66.8808, 63.5180** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3270, 65.7250, 81.4061**, and the grayscale version is **64.0394, 67.3744, 73.3707**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9624, 34.8162, 31.7183** is the 20% darker color. If you saturate the color by 10%, you get **59.5385, 59.9152, 49.7097**, and if you desaturate by 10%, it is **71.0327, 74.4953, 79.4629**.

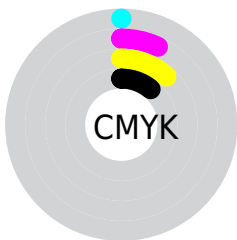
Distribution



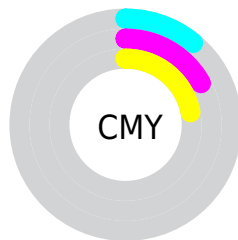
- Red (89%)
- Green (83%)
- Blue (78%)



- Red (89%)
- Yellow (87%)
- Blue (78%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9671, 66.8808, 63.5180 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 64.9671, 66.8808, 63.5180 by changing the saturation by 10% instead.

64.9671, 66.8808,
63.5180

64.9671, 66.8808,
63.5180

432.2208,
449.5204, 455.6066

47.6990, 48.9878,
45.8167

111.0685,
114.7496, 111.5093

33.7988, 34.6098,
31.7536

140.6326,
145.4941, 142.6363

22.9013, 23.3624,
20.9101

175.0260,
181.2913, 179.0757

14.6409, 14.8614,
12.8677

214.6141,
222.5255, 221.2460

8.6524, 8.7221,
7.2078

259.7623,
269.5811, 269.5656

4.5705, 4.5604,
3.5120

310.8359,

2.0297, 1.9917,

322.8425, 324.4533

1.3616

368.2003,
382.6941, 386.3274

■ 0.6505, 0.6027,
0.1115

■ 0.0000, 0.0000,
0.0000

■ 64.9671, 66.8808,
63.5180

■ 64.9671, 66.8808,
63.5180

■ 59.5385, 59.9152,
49.7097

■ 71.0327, 74.4953,
79.4629

■ 54.7186, 53.5716,
37.9416

■ 77.7512, 82.7669,
97.6264

■ 50.4853, 47.8343,
28.1164

■ 83.1855, 90.9314,
107.7749

■ 46.8127, 42.6833,
20.1271

■ 85.1743, 94.9089,
108.4378

■ 43.6725, 38.0976,
13.8561

■ 41.0337, 34.0542,
9.1720

■ 38.8615, 30.5285,
5.9240

■ 37.1148, 27.4926,
3.9313

■ 35.9677, 25.3756,
3.0023

Harmonies

Analogous

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



66.5141, 66.8808, 66.5712



64.9671, 66.8808, 63.5180



63.0733, 66.8808, 62.8947

Triad

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



64.9671, 66.8808, 63.5180



60.0002, 66.8808, 74.2520



65.8429, 66.8808, 81.4518

Complementary

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



64.9671, 66.8808, 63.5180



61.3270, 65.7250, 81.4061

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.



64.0656, 66.8808, 83.7421



64.9671, 66.8808, 63.5180



60.7105, 66.8808, 79.4519

Square

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



64.9671, 66.8808, 63.5180



60.2307, 66.8808, 68.9165



62.1895, 66.8808, 82.9925



67.0268, 66.8808, 76.8720

Rectangle

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



64.9671, 66.8808, 63.5180



61.8734, 66.8808, 63.9106



62.1895, 66.8808, 82.9925



65.2937, 66.8808, 82.5251

Sweetspot

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



64.9689, 66.8838, 63.5194



91.6702, 95.7990, 99.8857



63.9642, 61.8869, 72.3943



19.4885, 20.3392, 21.0281



0.0000, 0.0000, 0.0000



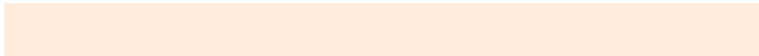
20.3446, 21.4041, 23.3091

Same Dimension

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



64.9689, 66.8838, 63.5194



83.8234, 85.9056, 79.3886



68.3830, 73.7119, 64.6574



14.2063, 14.6986, 14.3951



20.6338, 14.7054, 1.7509



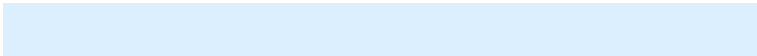
1.5185, 1.1958, 0.1508

Inverse Universe

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



61.3270, 65.7250, 81.4061



78.2577, 84.1345, 106.7227



58.1216, 59.3142, 80.3376



13.5802, 14.4994, 17.4706



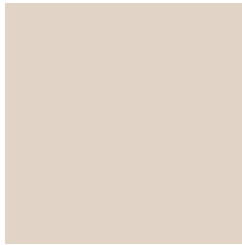
12.1733, 11.8162, 42.6875



0.9327, 0.9968, 2.9885

Previews

White Background



This preview shows how the XYZ color 64.9671, 66.8808, 63.5180 looks on a white background.

Color Contrast Check

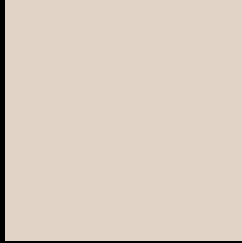
Large Text (above 18pt) WCAG AA × Fail

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 64.9671, 66.8808, 63.5180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

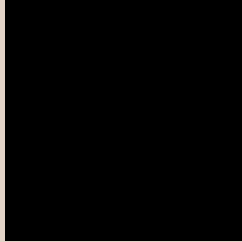
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

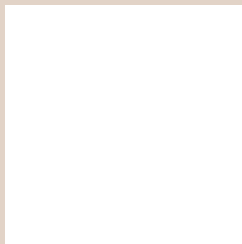
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.9671, 66.8808, 63.5180

Background



This preview shows how black text looks on a background with the XYZ color 64.9671, 66.8808, 63.5180.

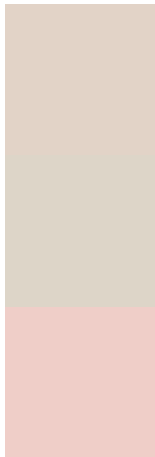


This preview shows how white text looks on a background with the XYZ color 64.9671, 66.8808,

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

64.9671, 66.8808, 63.5180

Protanopia

64.0384, 67.1308, 64.2259

Deuteranopia

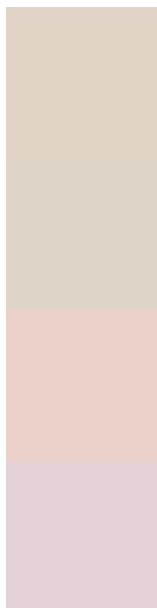
68.0932, 66.6635, 63.9220



Tritanopia

68.0805, 66.6655, 79.8005

Trichromacy



Original Color

64.9671, 66.8808, 63.5180

Protanomaly

64.4002, 66.9451, 64.1710

Deuteranomaly

66.9129, 66.7743, 64.0056

Tritanomaly

66.8165, 66.5120, 73.6065

Monochromacy



Original Color

64.9671, 66.8808, 63.5180

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.2163, 67.0974, 69.8881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9671, 66.8808, 63.5180 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(226, 211, 199) looks like.

```
.text, #text, p{  
    color:rgb(226, 211, 199)  
}
```

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(226, 211, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 211, 199) }
```

Border

The CSS property to change the border of an element to XYZ 64.9671, 66.8808, 63.5180 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(226, 211, 199) }
```


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

```
.border{ border-color:rgb(226, 211, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 211, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 211, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 211, 199); box-shadow:4px 4px 4px 4px rgb(226, 211, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9671, 66.8808, 63.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 211, 199) }
```

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

```
.background{ background-color: rgb(226,  
211, 199) }
```

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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