

Converting Colors

XYZ(64.8073, 66.8842, 63.7222)

Have a look what the booklet for
XYZ(64.8073, 66.8842, 63.7222)
contains.

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Color

**XYZ(64.6544, 66.7196,
63.5033)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D3C7
RGB	225, 211, 199
RGB Percent	88%, 83%, 78%
CMY	0.1176, 0.1725, 0.2196
CMYK	0.00, 0.06, 0.12, 0.12
HSL	28°, 30%, 83%
HSV	28°, 12%, 88%
XYZ	64.6544, 66.7196, 63.5033
YIQ	213.8180, 12.1960, -0.7640

Conversions

Conversions Part 2

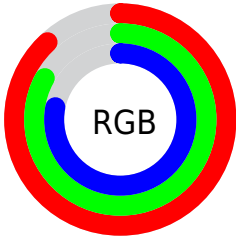
Format	Color
R _Y B	225, 221, 199
Decimal	14799815
CIE Lab	85.36, 2.83, 7.66
CIE LCh	85, 8.168, 69.743
Yxy	66.7196, 0.3318, 0.3424
Android (android.graphics.Color)	4292989895 (0xFFE1D3C7)
YUV	213.8180, -7.3053, 9.8066
Hunter-Lab	81.6821, -1.6542, 11.0827

Details

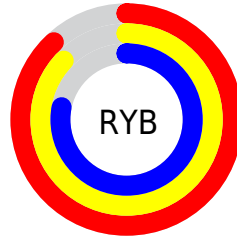
The XYZ color **64.6544, 66.7196, 63.5033** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9378, 65.1656, 80.6013**, and the grayscale version is **63.8375, 67.1620, 73.1394**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7454, 34.7043, 31.7081** is the 20% darker color. If you saturate the color by 10%, you get **59.3368, 59.9601, 49.7810**, and if you desaturate by 10%, it is **70.5887, 74.0930, 79.3385**.

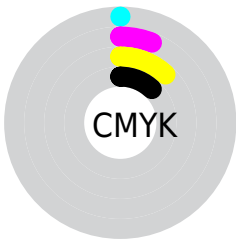
Distribution



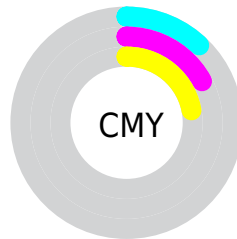
- Red (88%)
- Green (83%)
- Blue (78%)



- Red (88%)
- Yellow (87%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (12%)



- Cyan (12%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6544, 66.7196, 63.5033 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 64.6544, 66.7196, 63.5033 by changing the saturation by 10% instead.

■ 64.6544, 66.7196,
63.5033

■ 64.6544, 66.7196,
63.5033

431.1139,
448.9460, 455.5519

■ 47.4446, 48.8568,
45.8049

110.6213,
114.5185, 111.4879

■ 33.5967, 34.5059,
31.7443

140.1091,
145.2234, 142.6111

■ 22.7453, 23.2825,
20.9031

174.4203,
180.9779, 179.0464

■ 14.5252, 14.8022,
12.8626

213.9201,
222.1661, 221.2122

■ 8.5710, 8.6807,
7.2044

258.9741,
269.1727, 269.5271

■ 4.5173, 4.5335,
3.5099

309.9474,

■ 1.9987, 1.9763,

322.3819, 324.4097

1.3605

367.2056,
382.1783, 386.2784

■ 0.6333, 0.5936,
0.1106

■ 0.0000, 0.0000,
0.0000

■ 64.6544, 66.7196,
63.5033

■ 64.6544, 66.7196,
63.5033

■ 59.3368, 59.9601,
49.7810

■ 70.5887, 74.0930,
79.3385

■ 54.6086, 53.7890,
38.0766

■ 77.1550, 82.0873,
97.3672

■ 50.4483, 48.1917,
28.2943

■ 82.4667, 89.9579,
107.6249

■ 46.8309, 43.1497,
20.3288

■ 84.8616, 94.7477,
108.4232

■ 43.7294, 38.6432,
14.0644

■ 41.1137, 34.6511,
9.3720

■ 38.9501, 31.1501,
6.1036

■ 37.1991, 28.1145,
4.0822

■ 35.9902, 25.8848,
3.0994

Harmonies

Analogous

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



66.1892, 66.7196, 66.3267



64.6544, 66.7196, 63.5033



62.8150, 66.7196, 63.0626

Triad

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



64.6544, 66.7196, 63.5033



59.9738, 66.7196, 74.3837



65.7162, 66.7196, 80.7633

Complementary

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



64.6544, 66.7196, 63.5033



60.9378, 65.1656, 80.6013

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.



64.0187, 66.7196, 83.1548



64.6544, 66.7196, 63.5033



60.7193, 66.7196, 79.3551

Square

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



64.6544, 66.7196, 63.5033



60.1365, 66.7196, 69.1763



62.1915, 66.7196, 82.6273



66.8105, 66.7196, 76.2304

Rectangle

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



64.6544, 66.7196, 63.5033



61.6668, 66.7196, 64.1563



62.1915, 66.7196, 82.6273



65.1959, 66.7196, 81.8541

Sweetspot

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



64.6562, 66.7225, 63.5047



92.5429, 96.9177, 102.1086



63.5239, 61.6746, 71.7077



19.6673, 20.5708, 21.4765



0.0000, 0.0000, 0.0000



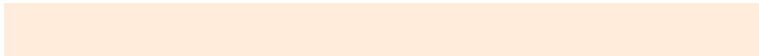
20.3446, 21.4041, 23.3091

Same Dimension

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



64.6562, 66.7225, 63.5047



83.9987, 86.2562, 79.4470



67.9360, 73.2820, 64.5980



14.2261, 14.7382, 14.4017



20.8532, 15.1443, 1.8241



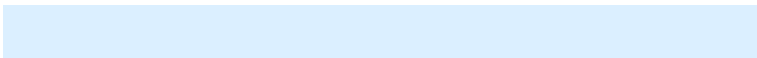
1.5343, 1.2274, 0.1561

Inverse Universe

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



60.9378, 65.1656, 80.6013



78.0791, 83.7774, 106.6632



57.8685, 59.0269, 79.5782



13.5601, 14.4594, 17.4639



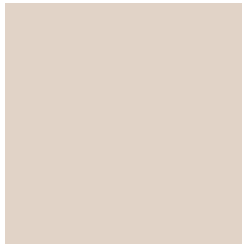
11.8980, 11.2655, 42.5957



0.9140, 0.9595, 2.9823

Previews

White Background



This preview shows how the XYZ color 64.6544, 66.7196, 63.5033 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 64.6544, 66.7196, 63.5033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

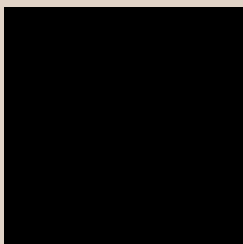
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

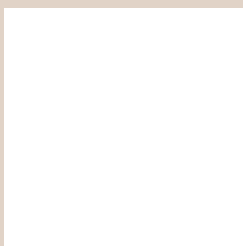
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6544, 66.7196, 63.5033

Background



This preview shows how black text looks on a background with the XYZ color 64.6544, 66.7196, 63.5033.



This preview shows how white text looks on a background with the XYZ color 64.6544, 66.7196,

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

64.6544, 66.7196, 63.5033

Protanopia

63.4840, 66.4727, 64.1281

Deuteranopia

68.0932, 66.6635, 63.9220



Tritanopia

67.7623, 66.5014, 79.7856

Trichromacy



Original Color

64.6544, 66.7196, 63.5033

Protanomaly

64.0930, 66.7867, 64.1566

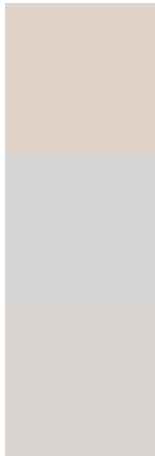
Deuteranomaly

66.9129, 66.7743, 64.0056

Tritanomaly

66.5002, 66.3489, 73.5917

Monochromacy



Original Color

64.6544, 66.7196, 63.5033

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 64.6544, 66.7196, 63.5033 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(225, 211, 199)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 211, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 211, 199) }
```

Border

The CSS property to change the border of an element to XYZ 64.6544, 66.7196, 63.5033 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(225, 211, 199) }
```


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

```
.border{ border-color:rgb(225, 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(225, 211, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 211, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 211, 199);  
box-shadow:4px 4px 4px 4px rgb(225, 211,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6544, 66.7196, 63.5033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 211, 199) }
```

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

```
.background{ background-color: rgb(225,  
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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