

Converting Colors

XYZ(64.9971, 67.4970, 63.3345)

Have a look what the booklet for
XYZ(64.9971, 67.4970, 63.3345)
contains.

XYZ(65.1544, 67.7196, 63.6700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.1544, 67.7196,
63.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D5C7
RGB	225, 213, 199
RGB Percent	88%, 84%, 78%
CMY	0.1176, 0.1647, 0.2196
CMYK	0.00, 0.05, 0.12, 0.12
HSL	32°, 30%, 83%
HSV	32°, 12%, 88%
XYZ	65.1544, 67.7196, 63.6700
YIQ	214.9920, 11.6460, -1.8100

Conversions

Conversions Part 2

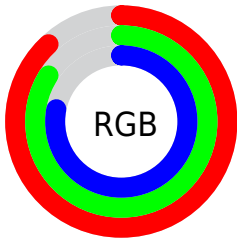
Format	Color
R_{YB}	221, 225, 199
Decimal	14800327
CIE Lab	85.87, 1.79, 8.39
CIE LCh	86, 8.574, 77.972
Yxy	67.7196, 0.3315, 0.3446
Android (android.graphics.Color)	4292990407 (0xFFE1D5C7)
YUV	214.9920, -7.8841, 8.7770
Hunter-Lab	82.2919, -2.6840, 11.7311

Details

The XYZ color **65.1544, 67.7196, 63.6700** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4378, 64.1656, 80.4346**, and the grayscale version is **64.6337, 67.9996, 74.0516**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9153, 35.0441, 31.7647** is the 20% darker color. If you saturate the color by 10%, you get **60.2052, 61.6970, 50.0705**, and if you desaturate by 10%, it is **70.6608, 74.2370, 79.3625**.

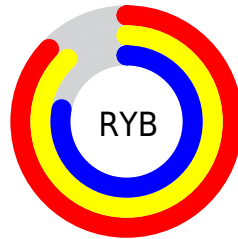
Distribution



Red (88%)

Green (84%)

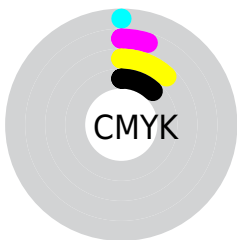
Blue (78%)



Red (87%)

Yellow (88%)

Blue (78%)

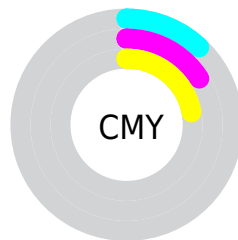


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1544, 67.7196, 63.6700 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 65.1544, 67.7196, 63.6700 by changing the saturation by 10% instead.

65.1544, 67.7196,
63.6700

65.1544, 67.7196,
63.6700

432.8831,
452.5019, 456.1717

47.8515, 49.6697,
45.9390

111.3363,
115.9509, 111.7304

33.9200, 35.1510,
31.8493

140.9459,
146.9011, 142.8969

22.9948, 23.7792,
20.9826

175.3885,
182.9201, 179.3790

14.7103, 15.1699,
12.9202

215.0294,
224.3924, 221.5951

8.7013, 8.9387,
7.2435

260.2339,
271.7023, 269.9640

4.6024, 4.7012,
3.5341

311.3675,

2.0483, 2.0731,

325.2343, 324.9040

1.3734

368.7954,
385.3727, 386.8337

■ 0.6609, 0.6494,
0.1208

■ 0.0000, 0.0000,
0.0000

■ 65.1544, 67.7196,
63.6700

■ 65.1544, 67.7196,
63.6700

■ 60.2052, 61.6970,
50.0705

■ 70.6608, 74.2370,
79.3625

■ 55.7877, 56.1472,
38.4696

■ 76.7377, 81.2527,
97.2282

■ 51.8823, 51.0598,
28.7723

■ 81.4969, 88.0183,
107.3016

■ 48.4661, 46.4201,
20.8739

■ 84.7116, 94.4477,
108.3732

■ 45.5141, 42.2127,
14.6593

■ 84.8616, 94.7477,
108.4232

■ 42.9987, 38.4211,
10.0004

■ 40.8884, 35.0268,
6.7497

■ 39.1463, 32.0089,
4.7312

■ 37.9123, 29.7291,
3.7401

Harmonies

Analogous

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



66.9229, 67.7196, 66.0012



65.1544, 67.7196, 63.6700



63.2091, 67.7196, 63.9331

Triad

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



65.1544, 67.7196, 63.6700



60.8451, 67.7196, 77.1174



67.2071, 67.7196, 81.2035

Complementary

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



65.1544, 67.7196, 63.6700



60.4378, 64.1656, 80.4346

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.



65.5359, 67.7196, 84.4910



65.1544, 67.7196, 63.6700



61.8740, 67.7196, 82.0507

Square

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



65.1544, 67.7196, 63.6700



60.7477, 67.7196, 71.5076



63.5829, 67.7196, 84.8088



68.1240, 67.7196, 76.0084

Rectangle

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



65.1544, 67.7196, 63.6700



62.0733, 67.7196, 65.5460



63.5829, 67.7196, 84.8088



66.7133, 67.7196, 82.5795

Sweetspot

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



65.1563, 67.7226, 63.6714



92.7269, 97.2857, 102.1699



63.2502, 61.5652, 70.2661



19.7170, 20.6701, 21.4931



0.0000, 0.0000, 0.0000



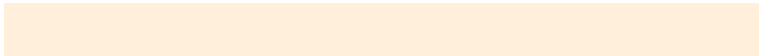
20.3446, 21.4041, 23.3091

Same Dimension

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



65.1563, 67.7226, 63.6714



84.7945, 87.8479, 79.7123



68.0166, 73.8433, 64.7021



14.3157, 14.9173, 14.4316



21.9649, 17.3676, 2.1946



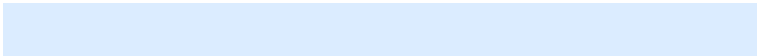
1.6118, 1.3824, 0.1819

Inverse Universe

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



60.4378, 64.1656, 80.4346



77.2833, 82.1858, 106.3979



57.7987, 58.5451, 79.4888



13.4706, 14.2802, 17.4341



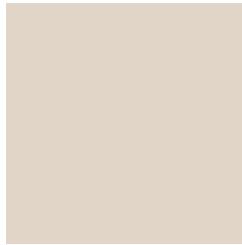
10.7872, 9.0440, 42.2255



0.8365, 0.8046, 2.9564

Previews

White Background



This preview shows how the XYZ color 65.1544, 67.7196, 63.6700 looks on a white background.

Color Contrast Check

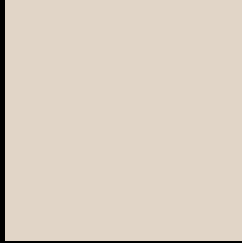
Large Text (above 18pt) WCAG AA × Fail

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 65.1544, 67.7196, 63.6700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

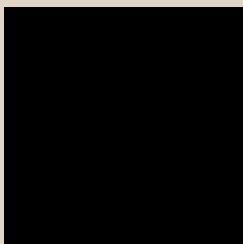
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

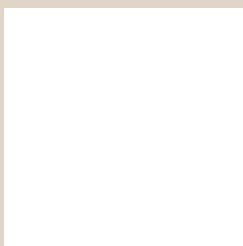
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1544, 67.7196, 63.6700

Background



This preview shows how black text looks on a background with the XYZ color 65.1544, 67.7196, 63.6700.



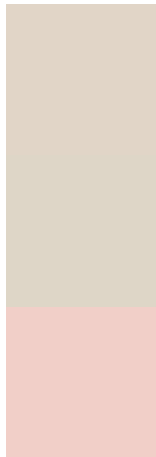
This preview shows how white text looks on a background with the XYZ color 65.1544, 67.7196,

63.6700.

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

65.1544, 67.7196, 63.6700

Protanopia

64.4796, 67.7463, 63.7107

Deuteranopia

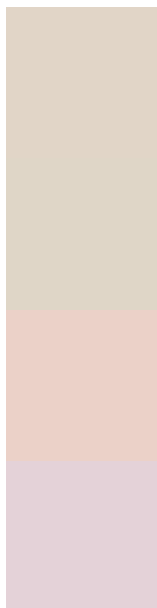
69.0138, 67.4966, 64.0343



Tritanopia

68.7042, 67.6952, 80.6795

Trichromacy



Original Color

65.1544, 67.7196, 63.6700

Protanomaly

64.7868, 67.9046, 63.7251

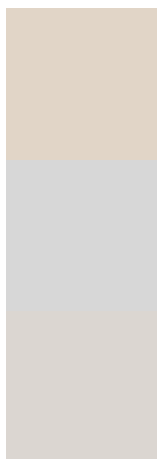
Deuteranomaly

67.4867, 67.4332, 64.1026

Tritanomaly

67.4362, 67.5450, 74.4490

Monochromacy



Original Color

65.1544, 67.7196, 63.6700

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.7686, 67.7567, 69.9863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1544, 67.7196, 63.6700 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, 213, 199)` looks like.

```
.text, #text, p{  
    color:rgb(225, 213, 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, 213, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 213, 199) }
```

Border

The CSS property to change the border of an element to XYZ 65.1544, 67.7196, 63.6700 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, 213, 199) }
```


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

```
.border{ border-color:rgb(225, 213, 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, 213, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 213, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 213, 199);  
box-shadow:4px 4px 4px 4px rgb(225, 213,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1544, 67.7196, 63.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 213, 199) }
```

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

```
.background{ background-color: rgb(225,  
213, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor