

Converting Colors

XYZ(65.1237, 67.9692, 63.8742)

Have a look what the booklet for
XYZ(65.1237, 67.9692, 63.8742)
contains.

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Color

**XYZ(65.0958, 68.0639,
63.7396)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D6C7
RGB	224, 214, 199
RGB Percent	88%, 84%, 78%
CMY	0.1216, 0.1608, 0.2196
CMYK	0.00, 0.04, 0.11, 0.12
HSL	36°, 29%, 83%
HSV	36°, 11%, 88%
XYZ	65.0958, 68.0639, 63.7396
YIQ	215.2800, 10.7750, -2.5450

Conversions

Conversions Part 2

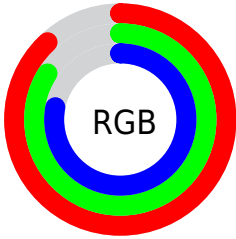
Format	Color
R_{YB}	216, 224, 199
Decimal	14735047
CIE _{Lab}	86.04, 0.91, 8.62
CIE _{LCh}	86, 8.670, 83.964
Yxy	68.0639, 0.3306, 0.3457
Android (android.graphics.Color)	4292925127 (0xFFE0D6C7)
YUV	215.2800, -8.0260, 7.6474
Hunter-Lab	82.5008, -3.5343, 11.9435

Details

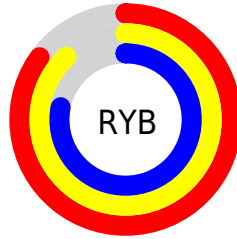
The XYZ color **65.0958, 68.0639, 63.7396** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8080, 63.1237, 79.5535**, and the grayscale version is **64.8301, 68.2063, 74.2767**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8712, 35.2756, 31.8117** is the 20% darker color. If you saturate the color by 10%, you get **60.4800, 62.6920, 50.3002**, and if you desaturate by 10%, it is **70.2229, 73.8442, 79.2398**.

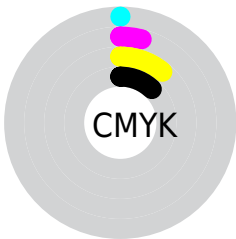
Distribution



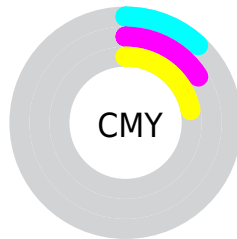
- Red (88%)
- Green (84%)
- Blue (78%)



- Red (85%)
- Yellow (88%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (12%)



- Cyan (12%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0958, 68.0639, 63.7396 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 65.0958, 68.0639, 63.7396 by changing the saturation by 10% instead.

65.0958, 68.0639,
63.7396

65.0958, 68.0639,
63.7396

432.6759,
453.7224, 456.4303

47.8038, 49.9497,
45.9950

111.2525,
116.4436, 111.8317

33.8821, 35.3735,
31.8932

140.8479,
147.4778, 143.0162

22.9655, 23.9507,
21.0158

175.2751,
183.5876, 179.5178

14.6886, 15.2970,
12.9442

214.8995,
225.1572, 221.7550

8.6860, 9.0281,
7.2599

260.0864,
272.5711, 270.1463

4.5924, 4.7595,
3.5442

311.2012,

2.0424, 2.1069,

326.2137, 325.1102

1.3788

368.6093,
386.4693, 387.0654

■ 0.6576, 0.6685,
0.1251

■ 0.0000, 0.0000,
0.0000

■ 65.0958, 68.0639,
63.7396

■ 65.0958, 68.0639,
63.7396

■ 60.4800, 62.6920,
50.3002

■ 70.2229, 73.8442,
79.2398

■ 56.3512, 57.7090,
38.8288

■ 75.8733, 80.0341,
96.8795

■ 52.6913, 53.1066,
29.2321

■ 80.2088, 85.9035,
106.9613

■ 49.4790, 48.8728,
21.4071

■ 82.9237, 91.3333,
107.8663

■ 46.6908, 44.9950,
15.2411

■ 84.5507, 94.5874,
108.4086

■ 44.3006, 41.4591,
10.6082

■ 42.2791, 38.2497,
7.3640

■ 40.5912, 35.3492,
5.3362

■ 39.3265, 33.0190,
4.3006

Harmonies

Analogous

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



66.9695, 68.0639, 65.5985



65.0958, 68.0639, 63.7396



63.1513, 68.0639, 64.5422

Triad

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



65.0958, 68.0639, 63.7396



61.2594, 68.0639, 78.6498



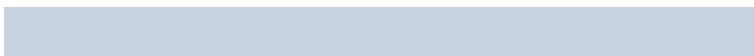
67.8359, 68.0639, 80.7442

Complementary

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



65.0958, 68.0639, 63.7396



59.8080, 63.1237, 79.5535

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.



66.2590, 68.0639, 84.5796



65.0958, 68.0639, 63.7396



62.4681, 68.0639, 83.3276

Square

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



65.0958, 68.0639, 63.7396



60.9623, 68.0639, 72.9639



64.2913, 68.0639, 85.5484



68.5722, 68.0639, 75.2681

Rectangle

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



65.0958, 68.0639, 63.7396



62.0731, 68.0639, 66.5003



64.2913, 68.0639, 85.5484



67.3850, 68.0639, 82.2792

Sweetspot

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



65.0977, 68.0669, 63.7411



92.8745, 97.5810, 102.2191



62.6733, 61.2986, 68.8510



19.7568, 20.7498, 21.5064



0.0000, 0.0000, 0.0000



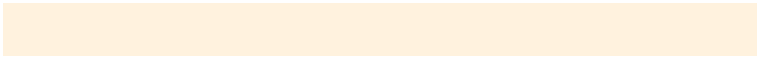
20.3446, 21.4041, 23.3091

Same Dimension

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



65.0977, 68.0669, 63.7411



86.0812, 89.8788, 81.8133



66.9364, 72.8863, 64.5744



14.3880, 15.0619, 14.4557



23.0061, 19.4500, 2.5417



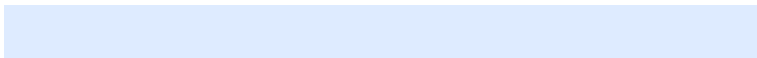
1.6815, 1.5219, 0.2051

Inverse Universe

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



59.8080, 63.1237, 79.5535



77.8665, 82.2024, 106.3704



58.1009, 58.7166, 78.7928



13.3996, 14.1382, 17.4104



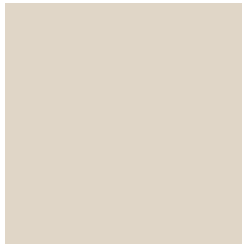
10.0437, 7.5569, 41.9776



0.7821, 0.6956, 2.9383

Previews

White Background



This preview shows how the XYZ color 65.0958, 68.0639, 63.7396 looks on a white background.

Color Contrast Check

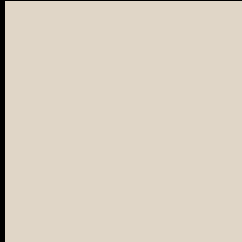
Large Text (above 18pt) WCAG AA × Fail

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 65.0958, 68.0639, 63.7396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

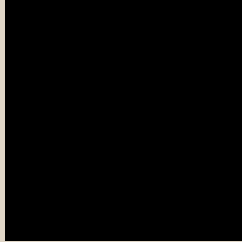
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

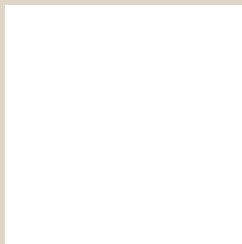
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0958, 68.0639, 63.7396

Background



This preview shows how black text looks on a background with the XYZ color 65.0958, 68.0639, 63.7396.

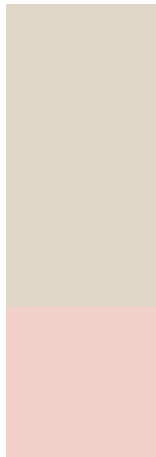


This preview shows how white text looks on a background with the XYZ color 65.0958, 68.0639,

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

65.0958, 68.0639, 63.7396

Protanopia

64.7868, 67.9046, 63.7251

Deuteranopia

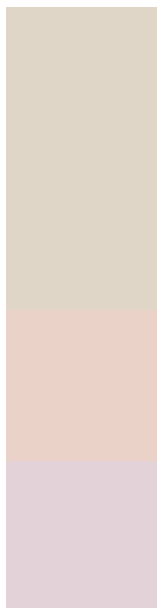
69.2568, 67.9827, 64.1153



Tritanopia

68.7690, 68.0782, 81.4674

Trichromacy



Original Color

65.0958, 68.0639, 63.7396

Protanomaly

64.7868, 67.9046, 63.7251

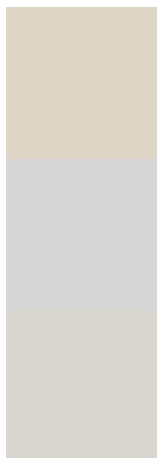
Deuteranomaly

67.7329, 67.9255, 64.1846

Tritanomaly

67.3675, 67.8773, 74.5167

Monochromacy



Original Color

65.0958, 68.0639, 63.7396

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.7225, 68.1098, 70.0569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0958, 68.0639, 63.7396 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(224, 214, 199)` looks like.

```
.text, #text, p{  
    color:rgb(224, 214, 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(224, 214, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 214, 199) }
```

Border

The CSS property to change the border of an element to XYZ 65.0958, 68.0639, 63.7396 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(224, 214, 199) }
```


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

```
.border{ border-color:rgb(224, 214, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 214, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 214, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 214, 199);  
box-shadow:4px 4px 4px 4px rgb(224, 214,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0958, 68.0639, 63.7396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 214, 199) }
```

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

```
.background{ background-color: rgb(224,  
214, 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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