

Converting Colors

XYZ(64.9300, 68.4072, 61.2989)

Have a look what the booklet for
XYZ(64.9300, 68.4072, 61.2989)
contains.

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Color

**XYZ(64.8912, 68.3883,
61.4099)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D7C3
RGB	224, 215, 195
RGB Percent	88%, 84%, 76%
CMY	0.1216, 0.1568, 0.2353
CMYK	0.00, 0.04, 0.13, 0.12
HSL	41°, 32%, 82%
HSV	41°, 13%, 88%
XYZ	64.8912, 68.3883, 61.4099
YIQ	215.4110, 11.7840, -4.3120

Conversions

Conversions Part 2

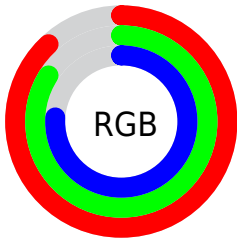
Format	Color
RYB	208, 224, 195
Decimal	14735299
CIELab	86.20, -0.25, 10.96
CIELCh	86, 10.967, 91.297
Yxy	68.3883, 0.3333, 0.3513
Android (android.graphics.Color)	4292925379 (0xFFE0D7C3)
YUV	215.4110, -10.0626, 7.5326
Hunter-Lab	82.6972, -4.6540, 13.8601

Details

The XYZ color **64.8912, 68.3883, 61.4099** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5529, 60.1684, 79.1018**, and the grayscale version is **64.9319, 68.3135, 74.3934**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **33.7407, 35.4997, 30.2731** is the 20% darker color. If you saturate the color by 10%, you get **60.8149, 63.9888, 48.4791**, and if you desaturate by 10%, it is **69.4264, 73.0961, 76.3697**.

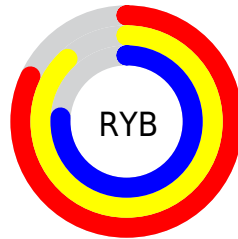
Distribution



Red (88%)

Green (84%)

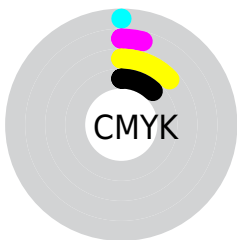
Blue (76%)



Red (82%)

Yellow (88%)

Blue (76%)

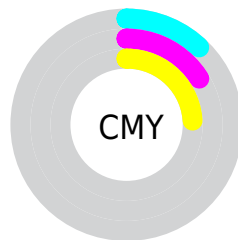


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8912, 68.3883, 61.4099 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 64.8912, 68.3883, 61.4099 by changing the saturation by 10% instead.

■ 64.8912, 68.3883,
61.4099

■ 64.8912, 68.3883,
61.4099

431.9523,
454.8706, 447.7234

■ 47.6372, 50.2137,
44.1234

110.9600,
116.9075, 108.4355

■ 33.7498, 35.5832,
30.4296

140.5055,
148.0208, 139.0117

■ 22.8634, 24.1125,
19.9101

174.8790,
184.2159, 174.8548

■ 14.6128, 15.4171,
12.1463

214.4457,
225.8770, 216.3834

■ 8.6326, 9.1126,
6.7196

259.5710,
273.3887, 264.0160

■ 4.5575, 4.8147,
3.2116

310.6203,

■ 2.0221, 2.1390,

327.1352, 318.1712

1.2037

367.9590,
387.5010, 379.2675

■ 0.6463, 0.6864,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.8912, 68.3883,
61.4099

■ 64.8912, 68.3883,
61.4099

■ 60.8149, 63.9888,
48.4791

■ 69.4264, 73.0961,
76.3697

■ 57.1740, 59.8801,
37.4839

■ 74.4316, 78.1113,
93.4378

■ 53.9515, 56.0559,
28.3299

■ 78.7430, 82.9721,
106.4728

■ 51.1266, 52.5065,
20.9131

■ 80.7810, 87.0480,
107.1521

■ 48.6768, 49.2213,
15.1190

■ 82.8976, 91.2813,
107.8576

■ 46.5766, 46.1886,
10.8192

■ 84.5507, 94.5874,
108.4086

■ 44.7970, 43.3950,
7.8658

■ 43.3032, 40.8251,
6.0802

■ 42.3820, 39.1301,
5.3191

Harmonies

Analogous

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



67.3606, 68.3883, 62.9215



64.8912, 68.3883, 61.4099



62.5115, 68.3883, 63.2032

Triad

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



64.8912, 68.3883, 61.4099



60.9403, 68.3883, 81.9220



69.3530, 68.3883, 81.3424

Complementary

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



64.8912, 68.3883, 61.4099



57.5529, 60.1684, 79.1018

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.



67.5557, 68.3883, 86.9870



64.8912, 68.3883, 61.4099



62.6972, 68.3883, 87.3365

Square

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



64.8912, 68.3883, 61.4099



60.2672, 68.3883, 74.7784



65.1110, 68.3883, 89.2465



69.9764, 68.3883, 74.1490

Rectangle

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



64.8912, 68.3883, 61.4099



61.2855, 68.3883, 66.1033



65.1110, 68.3883, 89.2465



68.8638, 68.3883, 83.4998

Sweetspot

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



64.8931, 68.3913, 61.4114



92.4499, 97.3583, 100.1456



61.1774, 59.2469, 65.4543



19.6859, 20.7340, 21.0939



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.



64.8931, 68.3913, 61.4114



85.2579, 89.8347, 76.5986



65.6249, 72.2630, 62.1201



14.4943, 15.2746, 14.4911



24.7759, 22.9897, 3.1316



1.7959, 1.7506, 0.2433

Inverse Universe

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



57.5529, 60.1684, 79.1018



73.2696, 76.4055, 105.4938



56.8746, 56.7360, 78.4750



13.2971, 13.9334, 17.3763



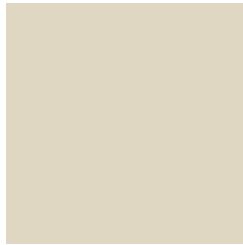
9.1777, 5.8250, 41.6890



0.7141, 0.5596, 2.9156

Previews

White Background



This preview shows how the XYZ color 64.8912, 68.3883, 61.4099 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 64.8912, 68.3883, 61.4099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

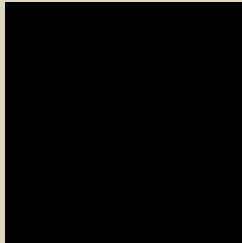
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

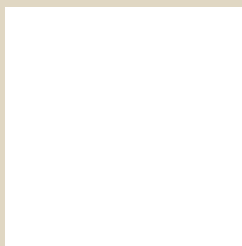
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.8912, 68.3883, 61.4099

Background



This preview shows how black text looks on a background with the XYZ color 64.8912, 68.3883, 61.4099.

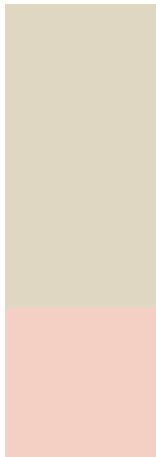


This preview shows how white text looks on a background with the XYZ color 64.8912, 68.3883,

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

64.8912, 68.3883, 61.4099

Protanopia

64.8912, 68.3883, 61.4099

Deuteranopia

69.8279, 68.3304, 61.7333



Tritanopia

68.9066, 68.1332, 82.1923

Trichromacy



Original Color

64.8912, 68.3883, 61.4099

Protanomaly

64.8912, 68.3883, 61.4099

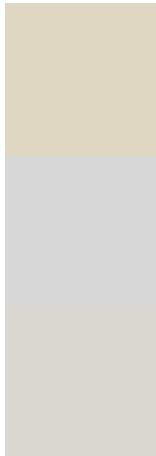
Deuteranomaly

68.1831, 68.5786, 61.8679

Tritanomaly

67.4878, 68.3242, 73.9209

Monochromacy



Original Color

64.8912, 68.3883, 61.4099

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.5990, 68.0604, 69.4067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8912, 68.3883, 61.4099 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, 215, 195) looks like.

```
.text, #text, p{  
    color:rgb(224, 215, 195)  
}
```

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, 215, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 215, 195) }
```

Border

The CSS property to change the border of an element to XYZ 64.8912, 68.3883, 61.4099 is called "border". The border property can be set on classes, ids or directly on the HTML element.

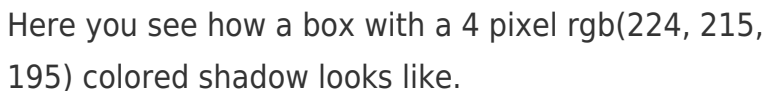
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 215, 195) }
```


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

```
.border{ border-color:rgb(224, 215, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 215, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 215, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 215, 195); box-shadow:4px 4px 4px 4px rgb(224, 215, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8912, 68.3883, 61.4099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 215, 195) }
```

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

```
.background{ background-color: rgb(224,  
215, 195) }
```

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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