

Converting Colors

XYZ(65.7908, 67.2876, 61.7453)

Have a look what the booklet for
XYZ(65.7908, 67.2876, 61.7453)
contains.

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Color

**XYZ(65.8912, 67.3970,
61.7606)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D3C4
RGB	230, 211, 196
RGB Percent	90%, 83%, 77%
CMY	0.0980, 0.1725, 0.2314
CMYK	0.00, 0.08, 0.15, 0.10
HSL	26°, 40%, 84%
HSV	26°, 15%, 90%
XYZ	65.8912, 67.3970, 61.7606
YIQ	214.9710, 16.1390, -0.6370

Conversions

Conversions Part 2

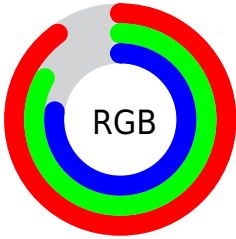
Format	Color
R _Y B	230, 223, 196
Decimal	15127492
CIE Lab	85.70, 4.14, 9.79
CIE LCh	86, 10.634, 67.085
Yxy	67.3970, 0.3378, 0.3455
Android (android.graphics.Color)	4293317572 (0xFFE6D3C4)
YUV	214.9710, -9.3527, 13.1804
Hunter-Lab	82.0957, -0.4007, 12.8631

Details

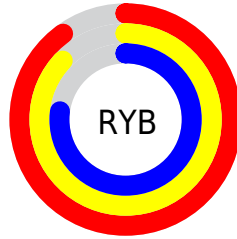
The XYZ color **65.8912, 67.3970, 61.7606** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3481, 66.0485, 84.3788**, and the grayscale version is **64.6269, 67.9925, 74.0438**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **34.3950, 35.0656, 30.5467** is the 20% darker color. If you saturate the color by 10%, you get **60.4060, 60.2996, 47.9911**, and if you desaturate by 10%, it is **72.0367, 75.1714, 77.7318**.

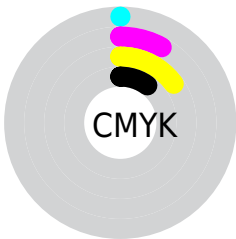
Distribution



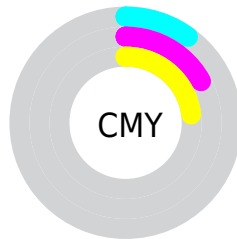
- Red (90%)
- Green (83%)
- Blue (77%)



- Red (90%)
- Yellow (87%)
- Blue (77%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (10%)



- Cyan (10%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8912, 67.3970, 61.7606 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 65.8912, 67.3970, 61.7606 by changing the saturation by 10% instead.

65.8912, 67.3970,
61.7606

65.8912, 67.3970,
61.7606

435.4824,
451.3566, 449.0408

48.4515, 49.4073,
44.4047

112.3888,
115.4891, 108.9477

34.3973, 34.9427,
30.6493

142.1773,
146.3603, 139.6160

23.3633, 23.6187,
20.0757

176.8128,
182.2941, 175.5589

14.9842, 15.0510,
12.2655

216.6606,
223.6750, 217.1949

8.8945, 8.8552,
6.8000

262.0862,
270.8873, 264.9426

4.7290, 4.6469,
3.2608

313.4547,

2.1223, 2.0416,

324.3154, 319.2204

1.2293

371.1317,
384.3437, 380.4470

■ 0.7013, 0.6315,
0.0028

■ 0.0000, 0.0000,
0.0000

■ 65.8912, 67.3970,
61.7606

■ 65.8912, 67.3970,
61.7606

■ 60.4060, 60.2996,
47.9911

■ 72.0367, 75.1714,
77.7318

■ 55.5514, 53.8510,
36.3211

■ 78.8598, 83.6322,
95.9920

■ 51.3036, 48.0341,
26.6466

■ 84.7312, 92.1387,
107.9265

■ 47.6346, 42.8275,
18.8529

■ 86.4434, 95.5631,
108.4972

■ 44.5143, 38.2085,
12.8136

■ 41.9091, 34.1525,
8.3864

■ 39.7808, 30.6325,
5.4062

■ 38.0839, 27.6180,
3.6714

■ 37.3358, 26.2278,
3.0947

Harmonies

Analogous

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



67.8502, 67.3970, 65.6241



65.8912, 67.3970, 61.7606



63.4856, 67.3970, 60.9161

Triad

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



65.8912, 67.3970, 61.7606



59.5431, 67.3970, 75.0429



66.9112, 67.3970, 84.5582

Complementary

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



65.8912, 67.3970, 61.7606



61.3481, 66.0485, 84.3788

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.



64.6355, 67.3970, 87.4464



65.8912, 67.3970, 61.7606



60.4114, 67.3970, 81.7325

Square

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



65.8912, 67.3970, 61.7606



59.8602, 67.3970, 68.3071



62.2607, 67.3970, 86.3810



68.4494, 67.3970, 78.7061

Rectangle

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



65.8912, 67.3970, 61.7606



61.9596, 67.3970, 62.1272



62.2607, 67.3970, 86.3810



66.2049, 67.3970, 85.9242

Sweetspot

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



65.8930, 67.4000, 61.7620



91.6598, 95.7781, 99.8822



64.6739, 61.2238, 72.8793



19.4858, 20.3339, 21.0272



0.0000, 0.0000, 0.0000



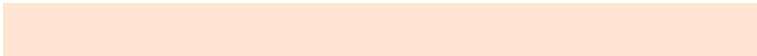
20.3446, 21.4041, 23.3091

Same Dimension

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



65.8930, 67.4000, 61.7620



80.8788, 82.1041, 71.9714



70.2678, 76.1495, 63.2203



14.8978, 15.4095, 15.0936



21.2546, 15.0834, 1.7911



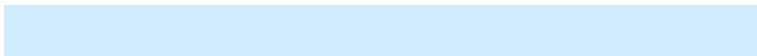
1.6619, 1.2972, 0.1628

Inverse Universe

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



61.3481, 66.0485, 84.3788



74.0080, 80.0602, 106.1603



57.3038, 57.9601, 83.0308



14.2474, 15.2161, 18.3304



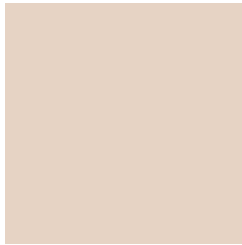
12.6173, 12.2967, 44.0917



1.0246, 1.0931, 3.2890

Previews

White Background



This preview shows how the XYZ color 65.8912, 67.3970, 61.7606 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 65.8912, 67.3970, 61.7606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

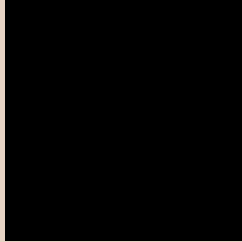
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

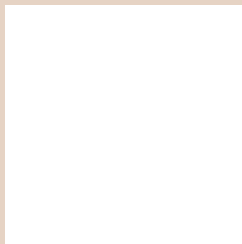
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8912, 67.3970, 61.7606

Background



This preview shows how black text looks on a background with the XYZ color 65.8912, 67.3970, 61.7606.



This preview shows how white text looks on a background with the XYZ color 65.8912, 67.3970,

61.7606.

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

65.8912, 67.3970, 61.7606

Protanopia

64.2488, 67.6539, 62.4956

Deuteranopia

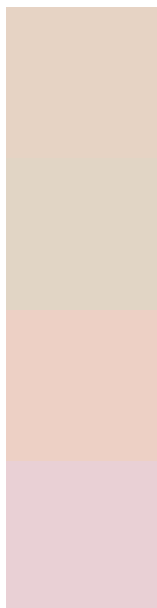
68.6665, 67.3576, 62.2055



Tritanopia

69.5638, 67.4458, 79.1640

Trichromacy



Original Color

65.8912, 67.3970, 61.7606

Protanomaly

64.9236, 67.6273, 62.4548

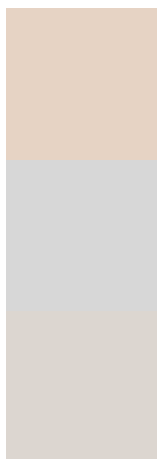
Deuteranomaly

67.5590, 67.1475, 62.2233

Tritanomaly

68.1704, 67.2395, 72.3363

Monochromacy



Original Color

65.8912, 67.3970, 61.7606

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.9469, 67.8628, 69.3503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8912, 67.3970, 61.7606 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(230, 211, 196) looks like.

```
.text, #text, p{  
    color:rgb(230, 211, 196)  
}
```

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(230, 211, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 211, 196) }
```

Border

The CSS property to change the border of an element to XYZ 65.8912, 67.3970, 61.7606 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(230, 211, 196) }
```


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

```
.border{ border-color:rgb(230, 211, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 211, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 211, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 211, 196);  
box-shadow:4px 4px 4px 4px rgb(230, 211,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8912, 67.3970, 61.7606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 211, 196) }
```

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

```
.background{ background-color: rgb(230,  
211, 196) }
```

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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