

Converting Colors

XYZ(65.5108, 67.6819, 61.5321)

Have a look what the booklet for
XYZ(65.5108, 67.6819, 61.5321)
contains.

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Color

**XYZ(65.3887, 67.5211,
61.2163)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D4C3
RGB	228, 212, 195
RGB Percent	89%, 83%, 76%
CMY	0.1059, 0.1686, 0.2353
CMYK	0.00, 0.07, 0.14, 0.11
HSL	31°, 38%, 83%
HSV	31°, 14%, 89%
XYZ	65.3887, 67.5211, 61.2163
YIQ	214.8460, 14.9930, -1.8950

Conversions

Conversions Part 2

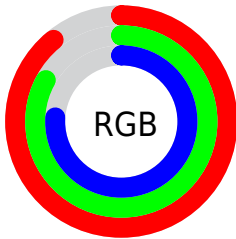
Format	Color
RYB	226, 228, 195
Decimal	14996675
CIELab	85.77, 2.74, 10.39
CIELCh	86, 10.747, 75.207
Yxy	67.5211, 0.3368, 0.3478
Android (android.graphics.Color)	4293186755 (0xFFE4D4C3)
YUV	214.8460, -9.7841, 11.5361
Hunter-Lab	82.1712, -1.7562, 13.3497

Details

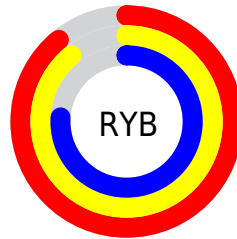
The XYZ color **65.3887, 67.5211, 61.2163** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8032, 63.7907, 82.5601**, and the grayscale version is **64.5457, 67.9071, 73.9508**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **33.8779, 34.8077, 30.1323** is the 20% darker color. If you saturate the color by 10%, you get **60.3369, 61.2323, 47.7702**, and if you desaturate by 10%, it is **71.0270, 74.3516, 76.8015**.

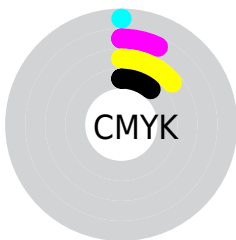
Distribution



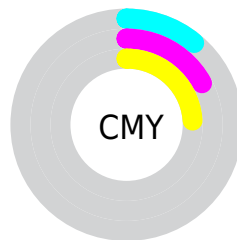
- Red (89%)
- Green (83%)
- Blue (76%)



- Red (89%)
- Yellow (89%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3887, 67.5211, 61.2163 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 65.3887, 67.5211, 61.2163 by changing the saturation by 10% instead.

65.3887, 67.5211,
61.2163

65.3887, 67.5211,
61.2163

433.7106,
451.7974, 446.9951

48.0422, 49.5082,
43.9681

111.6711,
115.6668, 108.1526

34.0717, 35.0228,
30.3084

141.3377,
146.5684, 138.6778

23.1118, 23.6804,
19.8187

175.8418,
182.5350, 174.4657

14.7973, 15.0967,
12.0806

215.5486,
223.9510, 215.9349

8.7626, 8.8873,
6.6754

260.8235,
271.2009, 263.5039

4.6425, 4.6678,
3.1846

312.0319,

2.0717, 2.0537,

324.6690, 317.5912

1.1896

369.5392,
384.7397, 378.6155

■ 0.6737, 0.6384,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.3887, 67.5211,
61.2163

■ 65.3887, 67.5211,
61.2163

■ 60.3369, 61.2323,
47.7702

■ 71.0270, 74.3516,
76.8015

■ 55.8445, 55.4617,
36.3640

■ 77.2666, 81.7287,
94.6104

■ 51.8903, 50.1967,
26.8968

■ 82.7460, 89.1158,
107.4476

■ 48.4494, 45.4210,
19.2574

■ 85.8051, 95.2341,
108.4673

■ 45.4948, 41.1171,
13.3234

■ 42.9962, 37.2661,
8.9568

■ 40.9191, 33.8470,
5.9980

■ 39.2221, 30.8359,
4.2521

■ 38.4132, 29.3303,
3.6367

Harmonies

Analogous

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



67.5577, 67.5211, 64.3432



65.3887, 67.5211, 61.2163



62.9475, 67.5211, 61.2386

Triad

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



65.3887, 67.5211, 61.2163



59.7319, 67.5211, 77.1195



67.5826, 67.5211, 83.4532

Complementary

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



65.3887, 67.5211, 61.2163



59.8032, 63.7907, 82.5601

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.



65.4220, 67.5211, 87.3403



65.3887, 67.5211, 61.2163



60.9106, 67.5211, 83.5281

Square

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



65.3887, 67.5211, 61.2163



59.7235, 67.5211, 70.1234



62.9799, 67.5211, 87.3686



68.8461, 67.5211, 77.0224

Rectangle

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



65.3887, 67.5211, 61.2163



61.4956, 67.5211, 63.0245



62.9799, 67.5211, 87.3686



66.9347, 67.5211, 85.1182

Sweetspot

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



65.3905, 67.5241, 61.2177



91.8939, 96.2464, 99.9603



63.3314, 60.2534, 70.2501



19.5451, 20.4523, 21.0469



0.0000, 0.0000, 0.0000



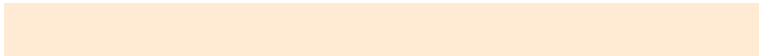
20.3446, 21.4041, 23.3091

Same Dimension

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



65.3905, 67.5241, 61.2177



82.4989, 84.8345, 74.0827



69.5892, 75.9215, 62.6173



14.9881, 15.5901, 15.1237



22.3004, 17.1749, 2.1397



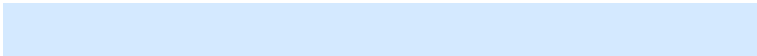
1.7409, 1.4550, 0.1891

Inverse Universe

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



59.8032, 63.7907, 82.5601



74.1440, 79.2519, 105.9971



56.0253, 56.2347, 81.3008



14.1565, 15.0345, 18.3001



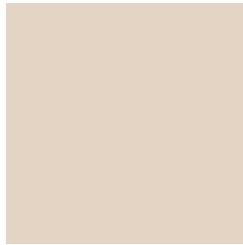
11.4557, 9.9736, 43.7045



0.9392, 0.9224, 3.2605

Previews

White Background



This preview shows how the XYZ color 65.3887, 67.5211, 61.2163 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 65.3887, 67.5211, 61.2163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

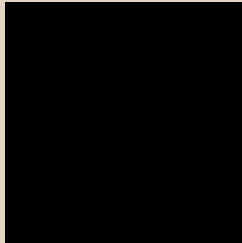
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3887, 67.5211, 61.2163

Background



This preview shows how black text looks on a background with the XYZ color 65.3887, 67.5211, 61.2163.



This preview shows how white text looks on a background with the XYZ color 65.3887, 67.5211,

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

65.3887, 67.5211, 61.2163

Protanopia

64.4418, 67.7666, 61.9084

Deuteranopia

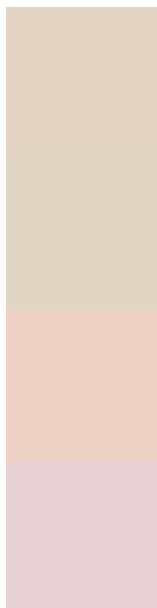
68.8946, 67.4884, 61.6200



Tritanopia

69.2891, 67.6494, 79.9267

Trichromacy



Original Color

65.3887, 67.5211, 61.2163

Protanomaly

64.8094, 67.5816, 61.8533

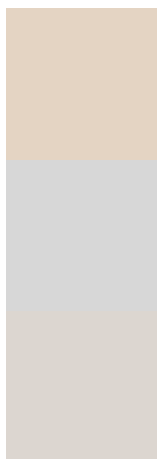
Deuteranomaly

67.6893, 67.5910, 61.7033

Tritanomaly

67.7657, 67.3939, 72.3875

Monochromacy



Original Color

65.3887, 67.5211, 61.2163

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 65.3887, 67.5211, 61.2163 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(228, 212, 195) looks like.

```
.text, #text, p{  
    color:rgb(228, 212, 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(228, 212, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 212, 195) }
```

Border

The CSS property to change the border of an element to XYZ 65.3887, 67.5211, 61.2163 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(228, 212, 195) }
```


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

```
.border{ border-color:rgb(228, 212, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 212, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 212, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 212, 195);  
box-shadow:4px 4px 4px 4px rgb(228, 212,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3887, 67.5211, 61.2163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 212, 195) }
```

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

```
.background{ background-color: rgb(228,  
212, 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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