

Converting Colors

XYZ(66.9858, 71.7517, 63.1422)

Have a look what the booklet for
XYZ(66.9858, 71.7517, 63.1422)
contains.

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Color

**XYZ(66.9858, 71.7517,
63.1422)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E1DDC5 |
| RGB | 225, 221, 197 |
| RGB Percent | 88%, 87%, 77% |
| CMY | 0.1176, 0.1333, 0.2274 |
| CMYK | 0.00, 0.02, 0.12, 0.12 |
| HSL | 51°, 32%, 83% |
| HSV | 51°, 12%, 88% |
| XYZ | 66.9858, 71.7517, 63.1422 |
| YIQ | 219.4600, 10.0880, -6.6160 |

Conversions

Conversions Part 2

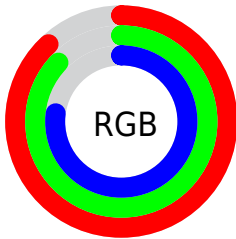
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 202, 225, 197 |
| Decimal | 14802373 |
| CIE _{Lab} | 87.85, -2.67, 12.27 |
| CIE _{LCh} | 88, 12.554, 102.268 |
| Yxy | 71.7517, 0.3318, 0.3554 |
| Android (android.graphics.Color) | 4292992453 (0xFFE1DDC5) |
| YUV | 219.4600, -11.0728, 4.8586 |
| Hunter-Lab | 84.7064, -7.0784, 15.0982 |

Details

The XYZ color **66.9858, 71.7517, 63.1422** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5030, 59.0786, 79.6073**, and the grayscale version is **67.7227, 71.2496, 77.5908**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **35.1717, 37.8017, 31.4293** is the 20% darker color. If you saturate the color by 10%, you get **63.7589, 69.1199, 50.2823**, and if you desaturate by 10%, it is **70.6177, 74.5761, 78.0373**.

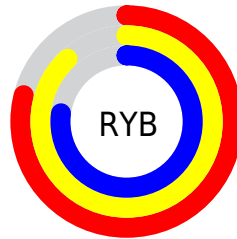
Distribution



Red (88%)

Green (87%)

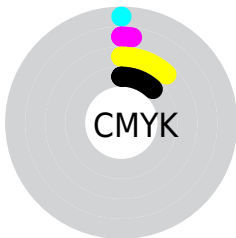
Blue (77%)



Red (79%)

Yellow (88%)

Blue (77%)

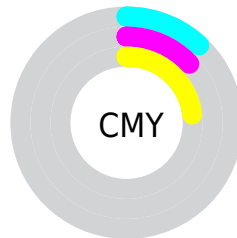


Cyan (0%)

Magenta (2%)

Yellow (12%)

Black (12%)



Cyan (12%)

Magenta (13%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9858, 71.7517, 63.1422 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 66.9858, 71.7517, 63.1422 by changing the saturation by 10% instead.

■ 66.9858, 71.7517,
63.1422

■ 66.9858, 71.7517,
63.1422

439.3275,
466.6769, 454.2075

■ 49.3437, 52.9559,
45.5145

113.9500,
121.7034, 110.9622

■ 35.1079, 37.7675,
31.5170

144.0028,
153.6282, 141.9916

■ 23.9129, 25.8023,
20.7311

178.9233,
190.6979, 178.3253

■ 15.3934, 16.6758,
12.7383

219.0767,
233.2972, 220.3819

■ 9.1841, 10.0036,
7.1200

264.8285,
281.8103, 268.5798

■ 4.9195, 5.4014,
3.4576

316.5440,

■ 2.2344, 2.4846,

336.6217, 323.3377

1.3328

374.5885,
398.1158, 385.0741

■ 0.7608, 0.8689,
0.0884

■ 0.0000, 0.0000,
0.0000

■ 66.9858, 71.7517,
63.1422

■ 66.9858, 71.7517,
63.1422

■ 63.7589, 69.1199,
50.2823

■ 70.6177, 74.5761,
78.0373

■ 60.9140, 66.6644,
39.3634

■ 74.6647, 77.5904,
95.0470

■ 58.4348, 64.3808,
30.2909

■ 77.5760, 80.1765,
105.9947

■ 56.3013, 62.2610,
22.9605

■ 78.4809, 81.9864,
106.2963

■ 54.4917, 60.2961,
17.2571

■ 79.4025, 83.8295,
106.6035

■ 52.9814, 58.4761,
13.0522

■ 80.3407, 85.7059,
106.9162

■ 51.7422, 56.7896,
10.1977

■ 81.2956, 87.6157,
107.2345

■ 50.7401, 55.2229,
8.5152

■ 82.2673, 89.5592,
107.5584

■ 50.0986, 54.1018,
7.8022

■ 83.2559, 91.5364,
107.8880

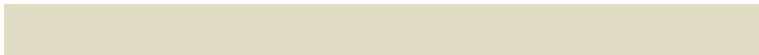
Harmonies

Analogous

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



69.9604, 71.7517, 63.4946



66.9858, 71.7517, 63.1422



64.4107, 71.7517, 66.5845

Triad

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



66.9858, 71.7517, 63.1422



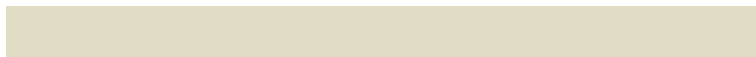
64.0391, 71.7517, 89.7082



73.8107, 71.7517, 83.2381

Complementary

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



66.9858, 71.7517, 63.1422



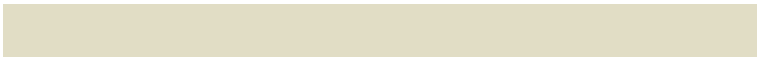
57.5030, 59.0786, 79.6073

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.



72.1306, 71.7517, 90.9282



66.9858, 71.7517, 63.1422



66.4651, 71.7517, 94.8469

Square

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



66.9858, 71.7517, 63.1422



62.7430, 71.7517, 81.6696



69.4244, 71.7517, 95.3091



73.9600, 71.7517, 74.6852

Rectangle

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



66.9858, 71.7517, 63.1422



63.2438, 71.7517, 70.7251



69.4244, 71.7517, 95.3091



73.4040, 71.7517, 86.0247

Sweetspot

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



66.9877, 71.7549, 63.1437



92.9884, 98.4353, 100.3251



61.5845, 60.1674, 63.7503



19.8225, 21.0072, 21.1394



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.



66.9877, 71.7549, 63.1437



87.7754, 94.3438, 79.0592



65.0870, 72.3596, 63.3606



14.6963, 15.6787, 14.5585



28.9348, 31.3075, 4.5179



2.0519, 2.2626, 0.3286

Inverse Universe

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



57.5030, 59.0786, 79.6073



72.7675, 74.2864, 105.1112



59.2340, 58.6063, 79.4249



13.1090, 13.5572, 17.3136



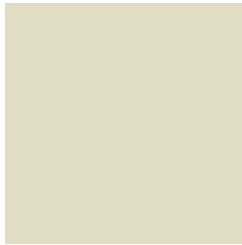
8.1814, 3.8324, 41.3569



0.6179, 0.3672, 2.8836

Previews

White Background



This preview shows how the XYZ color 66.9858, 71.7517, 63.1422 looks on a white background.

Color Contrast Check

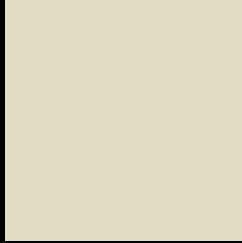
Large Text (above 18pt) WCAG AA × Fail

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 66.9858, 71.7517, 63.1422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

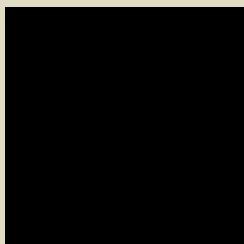
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

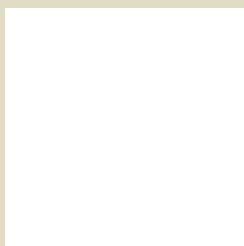
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.9858, 71.7517, 63.1422

Background



This preview shows how black text looks on a background with the XYZ color 66.9858, 71.7517, 63.1422.

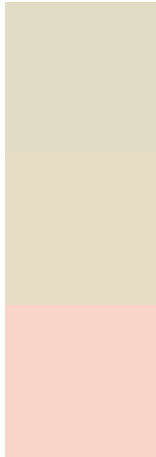


This preview shows how white text looks on a background with the XYZ color 66.9858, 71.7517,

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

66.9858, 71.7517, 63.1422

Protanopia

68.1901, 71.9949, 62.5270

Deuteranopia

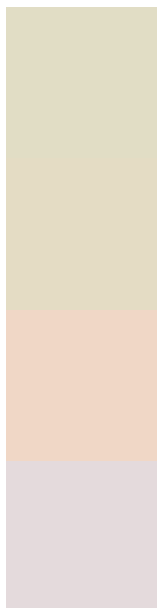
72.9192, 71.3502, 63.9615



Tritanopia

71.8970, 71.8179, 87.1637

Trichromacy



Original Color

66.9858, 71.7517, 63.1422

Protanomaly

67.5519, 71.6659, 62.4971

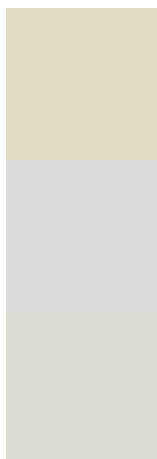
Deuteranomaly

70.4287, 71.2034, 63.4577

Tritanomaly

69.9846, 71.8041, 77.8811

Monochromacy



Original Color

66.9858, 71.7517, 63.1422

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.1699, 71.2617, 71.8427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9858, 71.7517, 63.1422 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, 221, 197)` looks like.

```
.text, #text, p{  
    color:rgb(225, 221, 197)  
}
```

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, 221, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 221, 197) }
```

Border

The CSS property to change the border of an element to XYZ 66.9858, 71.7517, 63.1422 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, 221, 197) }
```


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

```
.border{ border-color:rgb(225, 221, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 221, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 221, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 221, 197);  
box-shadow:4px 4px 4px 4px rgb(225, 221,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9858, 71.7517, 63.1422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 221, 197) }
```

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

```
.background{ background-color: rgb(225,  
221, 197) }
```

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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