

Converting Colors

XYZ(66.1878, 67.9701, 65.1372)

Have a look what the booklet for
XYZ(66.1878, 67.9701, 65.1372)
contains.

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Color

**XYZ(66.0810, 67.7980,
64.8618)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D4C9
RGB	228, 212, 201
RGB Percent	89%, 83%, 79%
CMY	0.1059, 0.1686, 0.2118
CMYK	0.00, 0.07, 0.12, 0.11
HSL	24°, 33%, 84%
HSV	24°, 12%, 89%
XYZ	66.0810, 67.7980, 64.8618
YIQ	215.5300, 13.0670, -0.0290

Conversions

Conversions Part 2

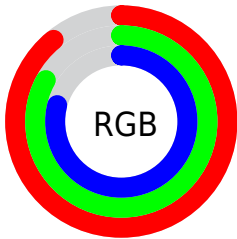
Format	Color
R_{YB}	228, 220, 201
Decimal	14996681
CIE Lab	85.91, 3.70, 7.42
CIE LCh	86, 8.287, 63.501
Yxy	67.7980, 0.3325, 0.3411
Android (android.graphics.Color)	4293186761 (0xFFE4D4C9)
YUV	215.5300, -7.1633, 10.9362
Hunter-Lab	82.3395, -0.8403, 10.9328

Details

The XYZ color **66.0810, 67.7980, 64.8618** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.9036, 67.6433, 83.1405**, and the grayscale version is **64.9931, 68.3778, 74.4634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3367, 34.9912, 32.5480** is the 20% darker color. If you saturate the color by 10%, you get **60.3594, 60.3328, 50.6897**, and if you desaturate by 10%, it is **72.4870, 75.9935, 81.2278**.

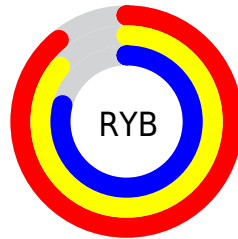
Distribution



Red (89%)

Green (83%)

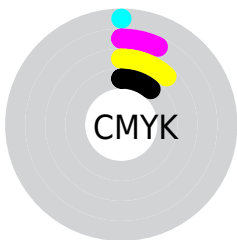
Blue (79%)



Red (89%)

Yellow (86%)

Blue (79%)

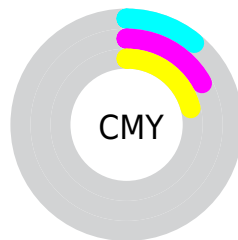


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0810, 67.7980, 64.8618 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 66.0810, 67.7980, 64.8618 by changing the saturation by 10% instead.

66.0810, 67.7980,
64.8618

66.0810, 67.7980,
64.8618

436.1506,
452.7800, 460.5878

48.6061, 49.7334,
46.8984

112.6597,
116.0631, 113.4625

34.5204, 35.2016,
32.6016

142.4942,
147.0324, 144.9369

23.4584, 23.8182,
21.5528

177.1792,
183.0721, 181.7520

15.0549, 15.1988,
13.3335

217.0802,
224.5666, 224.3265

8.9445, 8.9591,
7.5252

262.5625,
271.9002, 273.0787

4.7618, 4.7145,
3.7093

313.9914,

2.1415, 2.0807,

325.4574, 328.4273

1.4672

371.7323,
385.6225, 390.7908

■ 0.7116, 0.6538,
0.1933

■ 0.0000, 0.0000,
0.0000

■ 66.0810, 67.7980,
64.8618

■ 66.0810, 67.7980,
64.8618

■ 60.3594, 60.3328,
50.6897

■ 72.4870, 75.9935,
81.2278

■ 55.2923, 53.5681,
38.6128

■ 79.5948, 84.9301,
99.8718

■ 50.8556, 47.4852,
28.5313

■ 85.0217, 93.6671,
108.2062

■ 47.0215, 42.0609,
20.3354

■ 85.8052, 95.2341,
108.4674

■ 43.7598, 37.2708,
13.9046

■ 41.0373, 33.0885,
9.1044

■ 38.8166, 29.4854,
5.7801

■ 37.0542, 26.4294,
3.7468

■ 35.9030, 24.3098,
2.8000

Harmonies

Analogous

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



67.5293, 67.7980, 68.2042



66.0810, 67.7980, 64.8618



64.2175, 67.7980, 63.8780

Triad

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



66.0810, 67.7980, 64.8618



60.8678, 67.7980, 74.4601



66.4740, 67.7980, 82.8775

Complementary

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



66.0810, 67.7980, 64.8618



62.9036, 67.6433, 83.1405

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.



64.6629, 67.7980, 84.7446



66.0810, 67.7980, 64.8618



61.4463, 67.7980, 79.7370

Square

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



66.0810, 67.7980, 64.8618



61.2308, 67.7980, 69.2574



62.8263, 67.7980, 83.5683



67.7593, 67.7980, 78.5797

Rectangle

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



66.0810, 67.7980, 64.8618



62.9966, 67.7980, 64.6501



62.8263, 67.7980, 83.5683



65.9053, 67.7980, 83.8195

Sweetspot

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



66.0829, 67.8010, 64.8632



91.5534, 95.5653, 99.8468



65.4328, 63.2884, 74.5501



19.4589, 20.2801, 21.0182



0.0000, 0.0000, 0.0000



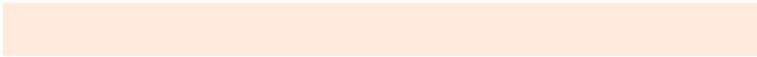
20.3446, 21.4041, 23.3091

Same Dimension

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



66.0829, 67.8010, 64.8632



83.4459, 85.1506, 79.2627



69.5446, 74.7245, 66.0172



14.8569, 15.3277, 15.0799



20.8412, 14.2566, 1.6533



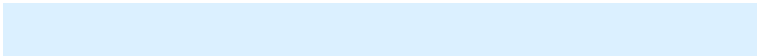
1.6295, 1.2323, 0.1520

Inverse Universe

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



62.9036, 67.6433, 83.1405



78.6465, 84.9120, 106.8523



59.6135, 61.0632, 82.0438



14.2891, 15.2996, 18.3443



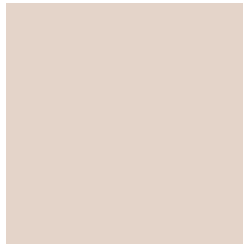
13.2144, 13.4910, 44.2907



1.0673, 1.1784, 3.3032

Previews

White Background



This preview shows how the XYZ color 66.0810, 67.7980, 64.8618 looks on a white background.

Color Contrast Check

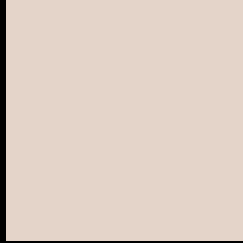
Large Text (above 18pt) WCAG AA × Fail

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 66.0810, 67.7980, 64.8618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

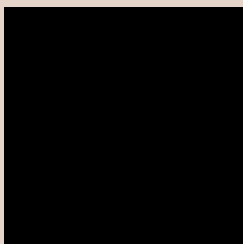
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

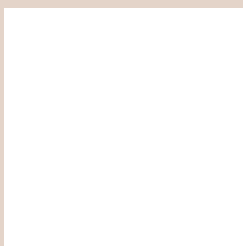
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0810, 67.7980, 64.8618

Background



This preview shows how black text looks on a background with the XYZ color 66.0810, 67.7980, 64.8618.



This preview shows how white text looks on a background with the XYZ color 66.0810, 67.7980,

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

66.0810, 67.7980, 64.8618

Protanopia

64.8314, 67.8870, 65.5636

Deuteranopia

68.9087, 67.4152, 65.2577



Tritanopia

69.1015, 67.5369, 80.6281

Trichromacy



Original Color

66.0810, 67.7980, 64.8618

Protanomaly

65.1954, 67.7001, 65.5084

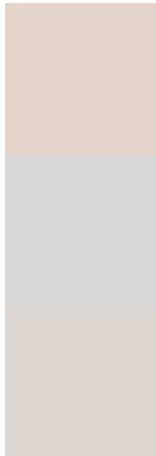
Deuteranomaly

68.0532, 67.6981, 65.3574

Tritanomaly

67.8283, 67.3818, 74.3968

Monochromacy



Original Color

66.0810, 67.7980, 64.8618

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.5735, 68.5197, 71.3975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0810, 67.7980, 64.8618 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(228, 212, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 212, 201) }
```

Border

The CSS property to change the border of an element to XYZ 66.0810, 67.7980, 64.8618 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, 201) }
```


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

```
.border{ border-color:rgb(228, 212, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 212, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 212, 201);  
box-shadow:4px 4px 4px 4px rgb(228, 212,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0810, 67.7980, 64.8618 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, 201) }
```

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

```
.background{ background-color: rgb(228,  
212, 201) }
```

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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