

Converting Colors

XYZ(66.1235, 69.6603, 69.1682)

Have a look what the booklet for
XYZ(66.1235, 69.6603, 69.1682)
contains.

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Color

**XYZ(66.1995, 69.6603,
68.9882)**

Conversions

Conversions Part 1

Format	Color
Hex	DED9CF
RGB	222, 217, 207
RGB Percent	87%, 85%, 81%
CMY	0.1294, 0.1490, 0.1882
CMYK	0.00, 0.02, 0.07, 0.13
HSL	40°, 19%, 84%
HSV	40°, 7%, 87%
XYZ	66.1995, 69.6603, 68.9882
YIQ	217.3550, 6.1900, -2.0500

Conversions

Conversions Part 2

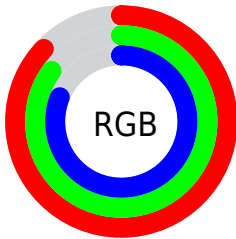
Format	Color
R_{YB}	215, 222, 207
Decimal	14604751
CIE Lab	86.83, -0.02, 5.51
CIE LCh	87, 5.515, 90.244
Yxy	69.6603, 0.3232, 0.3401
Android (android.graphics.Color)	4292794831 (0xFFDED9CF)
YUV	217.3550, -5.1050, 4.0737
Hunter-Lab	83.4627, -4.4803, 9.4163

Details

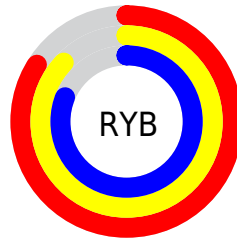
The XYZ color **66.1995, 69.6603, 68.9882** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4603, 65.6251, 78.4828**, and the grayscale version is **66.2294, 69.6785, 75.8799**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6064, 36.3561, 35.3305** is the 20% darker color. If you saturate the color by 10%, you get **61.8114, 64.9259, 55.0633**, and if you desaturate by 10%, it is **71.0586, 74.7243, 84.9545**.

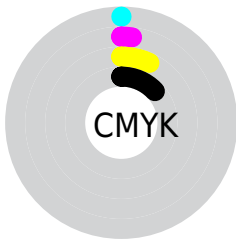
Distribution



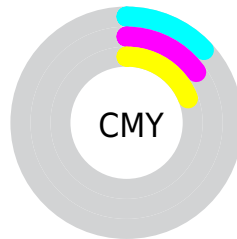
- Red (87%)
- Green (85%)
- Blue (81%)



- Red (84%)
- Yellow (87%)
- Blue (81%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1995, 69.6603, 68.9882 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 66.1995, 69.6603, 68.9882 by changing the saturation by 10% instead.

■ 66.1995, 69.6603,
68.9882

■ 66.1995, 69.6603,
68.9882

436.5674,
459.3564, 475.6822

■ 48.7027, 51.2496,
50.2304

112.8288,
118.7242, 119.4323

■ 34.5972, 36.4073,
35.2240

142.6919,
150.1462, 151.9556

■ 23.5178, 24.7489,
23.5506

177.4079,
186.6742, 189.9046

■ 15.0991, 15.8901,
14.7915

217.3420,
228.6924, 233.6976

■ 8.9758, 9.4464,
8.5282

262.8597,
276.5854, 283.7534

■ 4.7824, 5.0335,
4.3421

314.3262,

■ 2.1536, 2.2669,

330.7374, 340.4904

1.8149

372.1070,
391.5329, 404.3271

■ 0.7181, 0.7561,
0.4377

■ 0.0000, 0.0000,
0.0000

■ 66.1995, 69.6603,
68.9882

■ 66.1995, 69.6603,
68.9882

■ 61.8114, 64.9259,
55.0633

■ 71.0586, 74.7243,
84.9545

■ 57.8714, 60.5033,
43.0915

■ 76.3988, 80.1168,
103.0367

■ 54.3635, 56.3866,
32.9848

■ 79.0956, 84.5920,
106.7668

■ 51.2683, 52.5662,
24.6465

■ 81.3070, 89.0148,
107.5040

■ 48.5646, 49.0318,
17.9711

■ 83.6080, 93.6168,
108.2710

■ 46.2291, 45.7720,
12.8418

■ 83.9345, 94.2697,
108.3798

■ 44.2356, 42.7745,
9.1267

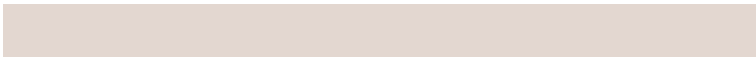
■ 42.5536, 40.0251,
6.6714

■ 41.1442, 37.5060,
5.2776

Harmonies

Analogous

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



67.4442, 69.6603, 69.8679



66.1995, 69.6603, 68.9882



64.9730, 69.6603, 69.8965

Triad

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



66.1995, 69.6603, 68.9882



64.0979, 69.6603, 79.4694



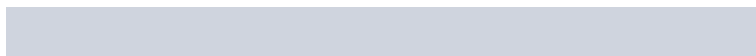
68.3788, 69.6603, 79.4156

Complementary

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



66.1995, 69.6603, 68.9882



62.4603, 65.6251, 78.4828

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.



67.4627, 69.6603, 82.1286



66.1995, 69.6603, 68.9882



64.9910, 69.6603, 82.1604

Square

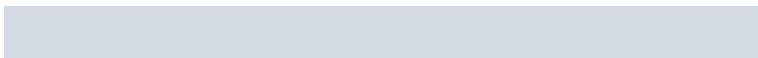
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.1995, 69.6603, 68.9882



63.7692, 69.6603, 75.8784



66.2206, 69.6603, 83.1486



68.7123, 69.6603, 75.8181

Rectangle

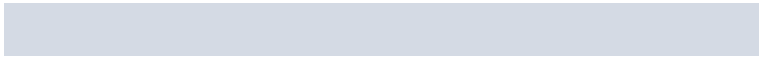
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.1995, 69.6603, 68.9882



64.3282, 69.6603, 71.4112



66.2206, 69.6603, 83.1486



68.1282, 69.6603, 80.4654

Sweetspot

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



66.2014, 69.6633, 68.9897



93.7002, 98.5969, 104.4529



64.3215, 64.9097, 71.4270



20.0699, 21.1186, 22.4038



0.0000, 0.0000, 0.0000



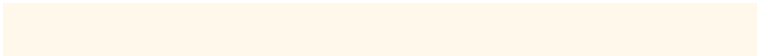
20.3446, 21.4041, 23.3091

Same Dimension

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



66.2014, 69.6633, 68.9897



89.8084, 94.4965, 91.8008



66.7486, 71.8860, 69.3899



14.4671, 15.2202, 14.4821



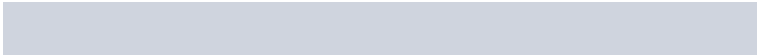
24.2954, 22.0286, 2.9714



1.7653, 1.6894, 0.2330

Inverse Universe

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



62.4603, 65.6251, 78.4828



83.7511, 87.9584, 107.1712



61.9348, 63.5290, 78.1059



13.3231, 13.9854, 17.3849



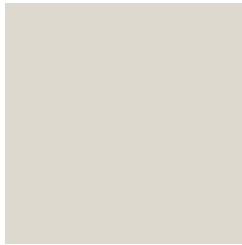
9.3750, 6.2195, 41.7547



0.7302, 0.5918, 2.9210

Previews

White Background



This preview shows how the XYZ color 66.1995, 69.6603, 68.9882 looks on a white background.

Color Contrast Check

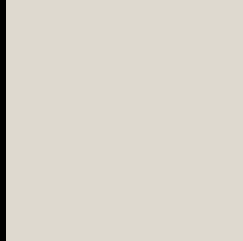
Large Text (above 18pt) WCAG AA × Fail

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 66.1995, 69.6603, 68.9882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

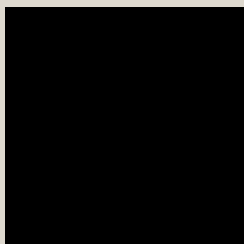
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

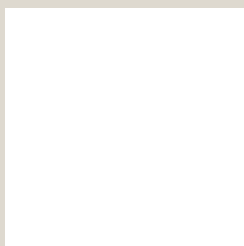
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1995, 69.6603, 68.9882

Background



This preview shows how black text looks on a background with the XYZ color 66.1995, 69.6603, 68.9882.

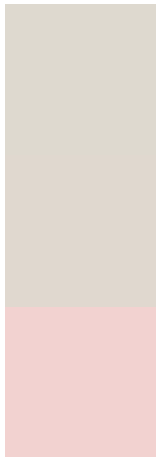


This preview shows how white text looks on a background with the XYZ color 66.1995, 69.6603,

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

66.1995, 69.6603, 68.9882

Protanopia

66.5588, 69.4640, 68.9314

Deuteranopia

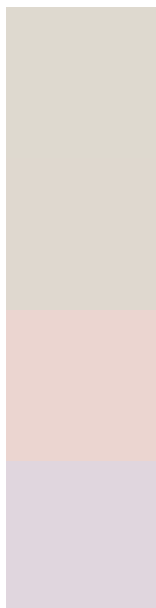
71.0497, 69.5245, 69.3494



Tritanopia

69.1285, 69.3092, 84.5975

Trichromacy



Original Color

66.1995, 69.6603, 68.9882

Protanomaly

66.2498, 69.3047, 68.9169

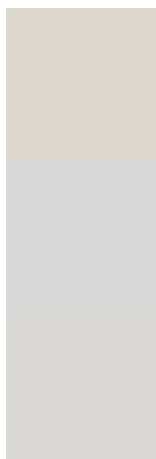
Deuteranomaly

69.4404, 69.8047, 69.4883

Tritanomaly

67.9719, 69.2144, 78.8844

Monochromacy



Original Color

66.1995, 69.6603, 68.9882

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.0365, 69.4899, 72.8832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1995, 69.6603, 68.9882 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(222, 217, 207) looks like.

```
.text, #text, p{  
    color:rgb(222, 217, 207)  
}
```

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(222, 217, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 217, 207) }
```

Border

The CSS property to change the border of an element to XYZ 66.1995, 69.6603, 68.9882 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(222, 217, 207) }
```


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

```
.border{ border-color:rgb(222, 217, 207) }
```

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

Here you see how a box with a 4 pixel rgb(222, 217, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 217, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 217, 207);  
box-shadow:4px 4px 4px 4px rgb(222, 217,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1995, 69.6603, 68.9882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 217, 207) }
```

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

```
.background{ background-color: rgb(222,  
217, 207) }
```

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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