

Converting Colors

XYZ(62.0150, 65.0978, 66.7110)

Have a look what the booklet for
XYZ(62.0150, 65.0978, 66.7110)
contains.

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Color

**XYZ(61.9700, 64.8999,
66.3875)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D2CC
RGB	215, 210, 204
RGB Percent	84%, 82%, 80%
CMY	0.1569, 0.1765, 0.2000
CMYK	0.00, 0.02, 0.05, 0.16
HSL	33°, 12%, 82%
HSV	33°, 5%, 84%
XYZ	61.9700, 64.8999, 66.3875
YIQ	210.8110, 4.9060, -0.8060

Conversions

Conversions Part 2

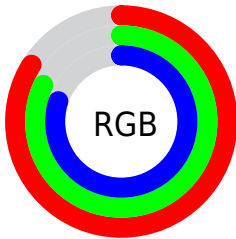
Format	Color
R_{YB}	213, 215, 204
Decimal	14144204
CIE _{Lab}	84.43, 0.66, 3.57
CIE _{LCh}	84, 3.628, 79.443
Yxy	64.8999, 0.3207, 0.3358
Android (android.graphics.Color)	4292334284 (0xFFD7D2CC)
YUV	210.8110, -3.3578, 3.6738
Hunter-Lab	80.5605, -3.6722, 7.5332

Details

The XYZ color **61.9700, 64.8999, 66.3875** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9680, 63.3436, 73.3566**, and the grayscale version is **61.8129, 65.0320, 70.8198**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8907, 33.4525, 33.6303** is the 20% darker color. If you saturate the color by 10%, you get **57.2300, 59.2653, 52.9511**, and if you desaturate by 10%, it is **67.2168, 70.9768, 81.7507**.

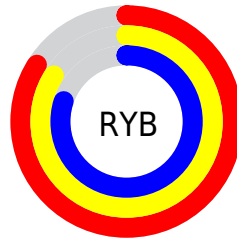
Distribution



Red (84%)

Green (82%)

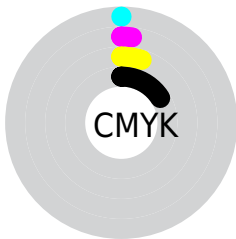
Blue (80%)



Red (84%)

Yellow (84%)

Blue (80%)

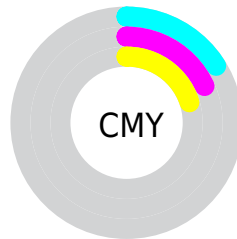


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (16%)



Cyan (16%)

Magenta (18%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9700, 64.8999, 66.3875 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 61.9700, 64.8999, 66.3875 by changing the saturation by 10% instead.

■ 61.9700, 64.8999,
66.3875

■ 61.9700, 64.8999,
66.3875

421.5410,
442.4322, 466.2034

■ 45.2640, 47.3799,
48.1286

106.7724,
111.9059, 115.6746

■ 31.8676, 33.3361,
33.5680

135.5994,
142.1608, 147.5399

■ 21.4154, 22.3840,
22.2873

169.1975,
177.4294, 184.7777

■ 13.5422, 14.1394,
13.8678

207.9319,
218.0961, 227.8065

■ 7.8825, 8.2177,
7.8911

252.1682,
264.5453, 277.0450

■ 4.0710, 4.2345,
3.9386

302.2715,

■ 1.7424, 1.8056,

317.1615, 332.9116

1.5917

358.6073,
376.3290, 395.8249

■ 0.4826, 0.4907,
0.2849

■ 0.0000, 0.0000,
0.0000

■ 61.9700, 64.8999,
66.3875

■ 61.9700, 64.8999,
66.3875

■ 57.2300, 59.2653,
52.9511

■ 67.2168, 70.9768,
81.7507

■ 52.9743, 54.0535,
41.3601

■ 72.9811, 77.4981,
99.1092

■ 49.1865, 49.2559,
31.5335

■ 77.0292, 83.5764,
106.6797

■ 45.8472, 44.8603,
23.3824

■ 79.9706, 89.4592,
107.6602

■ 42.9354, 40.8536,
16.8102

■ 81.8347, 93.1872,
108.2815

■ 40.4282, 37.2222,
11.7106

■ 38.2998, 33.9508,
7.9634

■ 36.5210, 31.0227,
5.4297

■ 35.0564, 28.4187,
3.9393

Harmonies

Analogous

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



62.6994, 64.8999, 67.3435



61.9700, 64.8999, 66.3875



61.1706, 64.8999, 66.5585

Triad

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



61.9700, 64.8999, 66.3875



60.2344, 64.8999, 72.1539



62.8713, 64.8999, 73.5927

Complementary

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



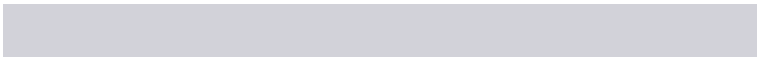
61.9700, 64.8999, 66.3875



59.9680, 63.3436, 73.3566

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.



62.2031, 64.8999, 74.9369



61.9700, 64.8999, 66.3875



60.6824, 64.8999, 74.0938

Square

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



61.9700, 64.8999, 66.3875



60.1732, 64.8999, 69.8543



61.4017, 64.8999, 75.1223



63.2228, 64.8999, 71.4819

Rectangle

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



61.9700, 64.8999, 66.3875



60.7053, 64.8999, 67.2898



61.4017, 64.8999, 75.1223



62.6760, 64.8999, 74.1511

Sweetspot

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



61.9718, 64.9027, 66.3889



93.5051, 98.2068, 104.3879



61.1432, 62.2438, 69.2007



20.0302, 21.0392, 22.3906



0.0000, 0.0000, 0.0000



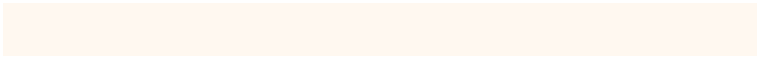
20.3446, 21.4041, 23.3091

Same Dimension

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



61.9718, 64.9027, 66.3889



90.5067, 94.6996, 95.7132



63.1171, 67.3530, 66.8015



13.2762, 13.8838, 13.9362



20.6984, 16.5141, 2.0966



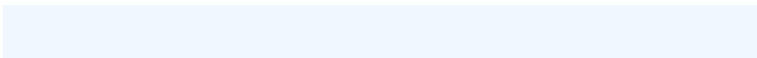
1.3307, 1.1606, 0.1539

Inverse Universe

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



59.9680, 63.3436, 73.3566



87.0370, 91.9999, 107.7782



58.8620, 60.9823, 72.9591



12.7219, 13.4525, 15.8636



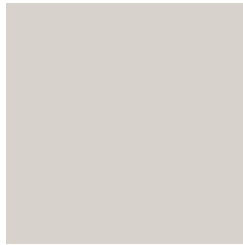
10.0323, 8.3264, 39.5315



0.6872, 0.6664, 2.4117

Previews

White Background



This preview shows how the XYZ color 61.9700, 64.8999, 66.3875 looks on a white background.

Color Contrast Check

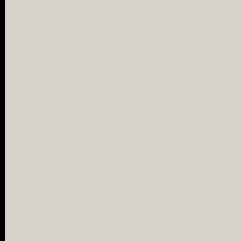
Large Text (above 18pt) WCAG AA × Fail

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 61.9700, 64.8999, 66.3875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

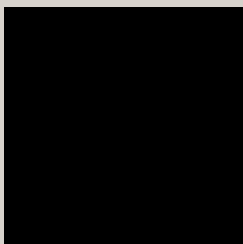
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

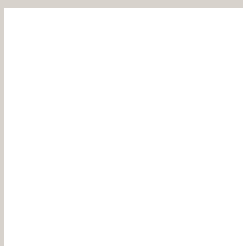
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9700, 64.8999, 66.3875

Background



This preview shows how black text looks on a background with the XYZ color 61.9700, 64.8999, 66.3875.

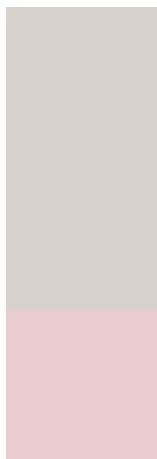


This preview shows how white text looks on a background with the XYZ color 61.9700, 64.8999,

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

61.9700, 64.8999, 66.3875

Protanopia

62.2646, 65.0517, 66.4013

Deuteranopia

66.2166, 64.9171, 66.7979



Tritanopia

64.5455, 64.8588, 78.9291

Trichromacy



Original Color

61.9700, 64.8999, 66.3875

Protanomaly

62.2646, 65.0517, 66.4013

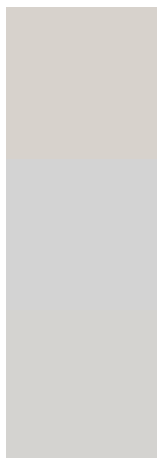
Deuteranomaly

64.4548, 64.7191, 66.8525

Tritanomaly

63.5658, 64.8213, 74.1272

Monochromacy



Original Color

61.9700, 64.8999, 66.3875

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.8308, 65.1396, 68.9889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9700, 64.8999, 66.3875 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(215, 210, 204) looks like.

```
.text, #text, p{  
    color:rgb(215, 210, 204)  
}
```

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(215, 210, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 210, 204) }
```

Border

The CSS property to change the border of an element to XYZ 61.9700, 64.8999, 66.3875 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(215, 210, 204) }
```


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

```
.border{ border-color:rgb(215, 210, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 210, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 210, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 210, 204);  
box-shadow:4px 4px 4px 4px rgb(215, 210,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9700, 64.8999, 66.3875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 210, 204) }
```

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

```
.background{ background-color: rgb(215,  
210, 204) }
```

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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