

Converting Colors

XYZ(60.9701, 64.5811, 66.5882)

Have a look what the booklet for
XYZ(60.9701, 64.5811, 66.5882)
contains.

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Color

**XYZ(61.0573, 64.7970,
66.4158)**

Conversions

Conversions Part 1	
Format	Color
Hex	D3D3CC
RGB	211, 211, 204
RGB Percent	83%, 83%, 80%
CMY	0.1725, 0.1725, 0.2000
CMYK	0.00, 0.00, 0.03, 0.17
HSL	60°, 7%, 81%
HSV	60°, 3%, 83%
XYZ	61.0573, 64.7970, 66.4158
YIQ	210.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

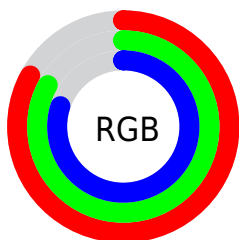
Format	Color
RYB	204, 211, 204
Decimal	13882316
CIELab	84.38, -1.25, 3.45
CIELCh	84, 3.669, 109.843
Yxy	64.7970, 0.3176, 0.3370
Android (android.graphics.Color)	4292072396 (0xFFD3D3CC)
YUV	210.2020, -3.0576, 0.6998
Hunter-Lab	80.4966, -5.4753, 7.4289

Details

The XYZ color **61.0573, 64.7970, 66.4158** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2551, 60.7280, 70.2826**, and the grayscale version is **61.4111, 64.6093, 70.3595**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4666, 33.4840, 33.6588** is the 20% darker color. If you saturate the color by 10%, you get **58.6935, 63.8532, 53.9772**, and if you desaturate by 10%, it is **63.7676, 65.8836, 80.6631**.

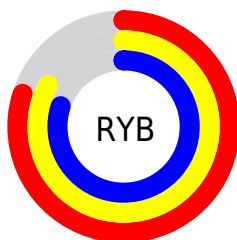
Distribution



Red (83%)

Green (83%)

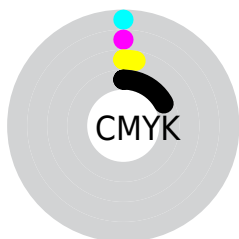
Blue (80%)



Red (80%)

Yellow (83%)

Blue (80%)

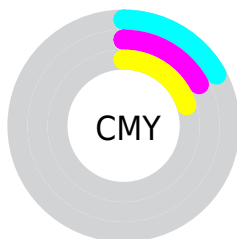


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (17%)



Cyan (17%)

Magenta (17%)

Yellow (20%)


Brightness & Saturation

Gradients


These gradients show how the XYZ color 61.0573, 64.7970, 66.4158 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 61.0573, 64.7970, 66.4158 by changing the saturation by 10% instead.


 61.0573, 64.7970,
66.4158

 61.0573, 64.7970,
66.4158


418.2566,
442.0621, 466.3072

 44.5241, 47.2965,
48.1514


105.4595,
111.7580, 115.7156

 31.2824, 33.2701,
33.5860


134.0593,
141.9872, 147.5881

 20.9669, 22.3334,
22.3009


167.4120,
177.2281, 184.8337

 13.2121, 14.1021,
13.8778

205.8830,
217.8652, 227.8709

 7.6528, 8.1917,
7.8979

249.8376,
264.2827, 277.1184

 3.9235, 4.2179,
3.9429


299.6411,


 1.6590, 1.7962,


316.8651, 332.9945


1.5940


355.6590,
375.9968, 395.9180


 0.4304, 0.4848,
0.2866


 0.0000, 0.0000,
0.0000


 61.0573, 64.7970,
66.4158


 61.0573, 64.7970,
66.4158


 58.6935, 63.8532,
53.9772


 63.7676, 65.8836,
80.6631


 56.6572, 63.0383,
43.2710


 66.8320, 67.1097,
96.7830


 54.9355, 62.3492,
34.2217


 68.2196, 67.6651,
104.0729


 53.5127, 61.7797,
26.7464


 68.2229, 67.6668,
104.0730


 52.3717, 61.3230,
20.7554

 68.2262, 67.6685,
104.0732


 51.4939, 60.9715,
16.1498


 68.2294, 67.6702,
104.0733


 50.8581, 60.7168,
12.8187

 68.2327, 67.6719,
104.0735

 50.4400, 60.5491,
10.6342

 68.2360, 67.6736,
104.0736

 50.2104, 60.4569,
9.4419

 68.2393, 67.6753,
104.0738

Harmonies

Analogous

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



61.8643, 64.7970, 66.2276



61.0573, 64.7970, 66.4158



60.3979, 64.7970, 67.6986

Triad

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



61.0573, 64.7970, 66.4158



60.5827, 64.7970, 74.0382



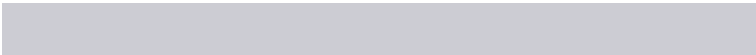
63.1427, 64.7970, 71.3472

Complementary

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



61.0573, 64.7970, 66.4158



58.2551, 60.7280, 70.2826

Split Complementary

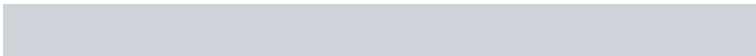
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.7928, 64.7970, 73.4863



61.0573, 64.7970, 66.4158



61.3117, 64.7970, 75.0625

Square

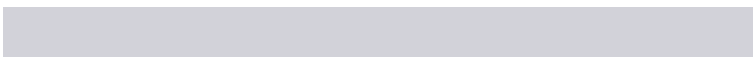
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.0573, 64.7970, 66.4158



60.1256, 64.7970, 72.0870



62.1210, 64.7970, 74.8584



63.0731, 64.7970, 69.0407

Rectangle

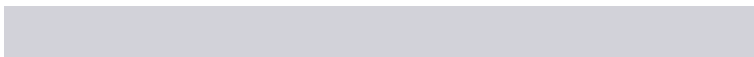
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.0573, 64.7970, 66.4158



60.1285, 64.7970, 69.0179



62.1210, 64.7970, 74.8584



63.0702, 64.7970, 72.1105

Sweetspot

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



61.0591, 64.7998, 66.4172



94.6416, 99.8366, 106.7520



59.3579, 61.3958, 65.8498



20.2615, 21.3709, 22.8720



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.



61.0591, 64.7998, 66.4172



93.4489, 99.3593, 100.4792



60.0678, 64.2887, 66.3708



13.0461, 13.8947, 13.8797



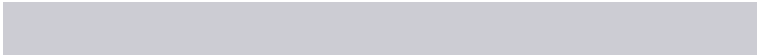
30.2511, 36.4640, 5.4438



1.6917, 2.0389, 0.3044

Inverse Universe

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



58.2551, 60.7280, 70.2826



88.2303, 91.7814, 107.6731



59.2247, 61.2279, 70.3280



12.2004, 12.6666, 15.0455



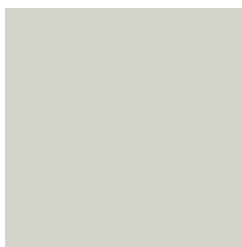
7.0970, 2.8389, 37.3664



0.3970, 0.1588, 2.0893

Previews

White Background



This preview shows how the XYZ color 61.0573, 64.7970, 66.4158 looks on a white background.

Color Contrast Check

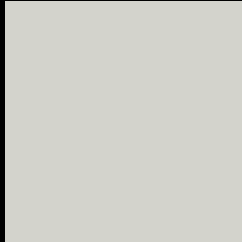
Large Text (above 18pt) WCAG AA × Fail

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 61.0573, 64.7970, 66.4158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

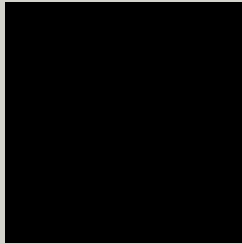
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

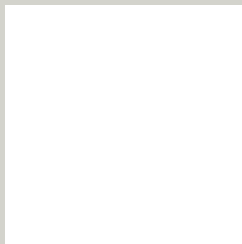
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0573, 64.7970, 66.4158

Background



This preview shows how black text looks on a background with the XYZ color 61.0573, 64.7970, 66.4158.

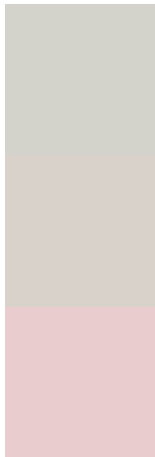


This preview shows how white text looks on a background with the XYZ color 61.0573, 64.7970,

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

61.0573, 64.7970, 66.4158

Protanopia

62.1450, 65.0039, 65.7715

Deuteranopia

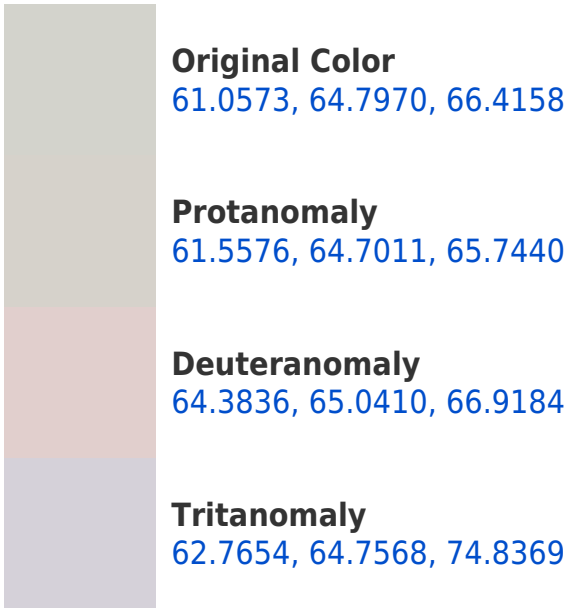
66.2166, 64.9171, 66.7979



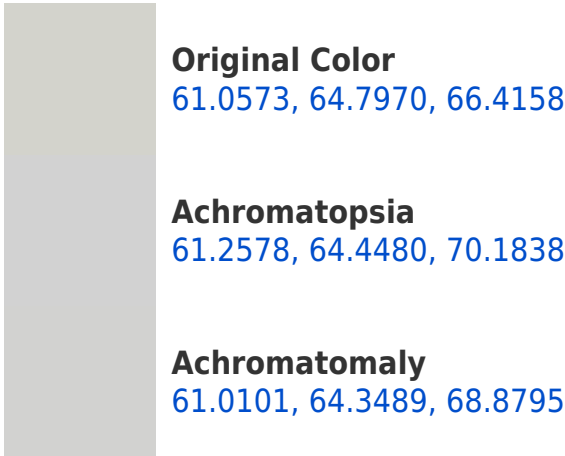
Tritanopia

63.7420, 64.7897, 79.6671

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0573, 64.7970, 66.4158 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(211, 211, 204) looks like.

```
.text, #text, p{  
    color:rgb(211, 211, 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(211, 211, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 211, 204) }
```

Border

The CSS property to change the border of an element to XYZ 61.0573, 64.7970, 66.4158 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(211, 211, 204) }
```

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

```
.border{ border-color:rgb(211, 211, 204) }
```

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

Here you see how a box with a 4 pixel rgb(211, 211, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 211, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 211, 204);  
box-shadow:4px 4px 4px 4px rgb(211, 211,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0573, 64.7970, 66.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 211, 204) }
```

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

```
.background{ background-color: rgb(211,  
211, 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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