

Converting Colors

XYZ(60.1807, 64.9882, 71.0001)

Have a look what the booklet for
XYZ(60.1807, 64.9882, 71.0001)
contains.

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Color

**XYZ(60.1807, 64.9882,
71.0001)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD5D3
RGB	203, 213, 211
RGB Percent	80%, 84%, 83%
CMY	0.2039, 0.1647, 0.1725
CMYK	0.05, 0.00, 0.01, 0.16
HSL	168°, 11%, 82%
HSV	168°, 5%, 84%
XYZ	60.1807, 64.9882, 71.0001
YIQ	209.7820, -5.3180, -2.7420

Conversions

Conversions Part 2

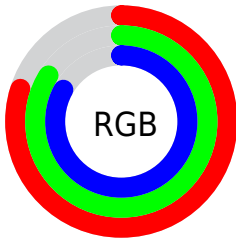
Format	Color
R_{YB}	203, 209, 213
Decimal	13358547
CIE Lab	84.48, -3.75, -0.19
CIE LCh	84, 3.750, 182.978
Yxy	64.9882, 0.3068, 0.3313
Android (android.graphics.Color)	4291548627 (0xFFCBD5D3)
YUV	209.7820, 0.6005, -5.9478
Hunter-Lab	80.6153, -7.8233, 4.2123

Details

The XYZ color **60.1807, 64.9882, 71.0001** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8183, 61.2674, 66.4338**, and the grayscale version is **61.1158, 64.2986, 70.0212**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7071, 33.2776, 36.7031** is the 20% darker color. If you saturate the color by 10%, you get **54.2465, 61.9918, 67.9685**, and if you desaturate by 10%, it is **66.9298, 68.4067, 74.1467**.

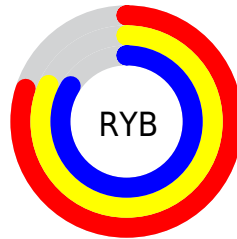
Distribution



Red (80%)

Green (84%)

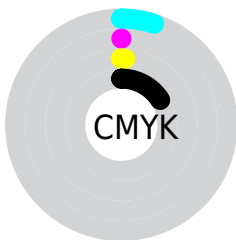
Blue (83%)



Red (80%)

Yellow (82%)

Blue (84%)

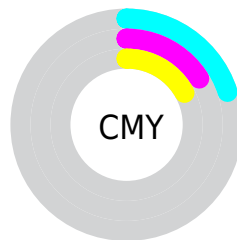


Cyan (5%)

Magenta (0%)

Yellow (1%)

Black (16%)



Cyan (20%)

Magenta (16%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1807, 64.9882, 71.0001 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 60.1807, 64.9882, 71.0001 by changing the saturation by 10% instead.

■ 60.1807, 64.9882,
71.0001

■ 60.1807, 64.9882,
71.0001

415.0876,
442.7496, 482.9375

■ 43.8143, 47.4515,
51.8604

104.1966,
112.0329, 122.3283

■ 30.7218, 33.3927,
36.5124

132.5768,
142.3097, 155.3540

■ 20.5379, 22.4275,
24.5374

165.6924,
177.6020, 193.8454

■ 12.8972, 14.1713,
15.5168

203.9086,
218.2941, 238.2211

■ 7.4343, 8.2399,
9.0323

247.5909,
264.7706, 288.8996

■ 3.7839, 4.2489,
4.6651

297.1046,

■ 1.5806, 1.8137,

317.4157, 346.2994

1.9969

352.8150,
376.6139, 410.8392

■ 0.3797, 0.4957,
0.5534

■ 0.0000, 0.0000,
0.0000

■ 60.1807, 64.9882,
71.0001

■ 60.1807, 64.9882,
71.0001

■ 54.2465, 61.9918,
67.9685

■ 66.9298, 68.4067,
74.1467

■ 49.0892, 59.3925,
65.0454

■ 74.5188, 72.2547,
77.4059

■ 44.6761, 57.1752,
62.2301

■ 78.4630, 74.2220,
80.5697

■ 40.9700, 55.3208,
59.5203

■ 79.0483, 74.4562,
83.6522

■ 37.9303, 53.8083,
56.9135

■ 79.6483, 74.6961,
86.8116

■ 35.5124, 52.6148,
54.4070

■ 80.2630, 74.9420,
90.0485

■ 33.6660, 51.7144,
51.9979

■ 80.8925, 75.1938,
93.3636

■ 32.3330, 51.0770,
49.6828

■ 81.5370, 75.4516,
96.7572

■ 31.4422, 50.6661,
47.4578

■ 82.1964, 75.7154,
100.2299

Harmonies

Analogous

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



60.3509, 64.9882, 68.6937



60.1807, 64.9882, 71.0001



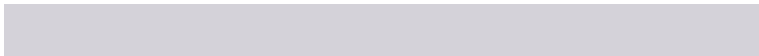
60.4330, 64.9882, 73.2921

Triad

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



60.1807, 64.9882, 71.0001



62.6469, 64.9882, 74.6866



62.5012, 64.9882, 66.7457

Complementary

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



60.1807, 64.9882, 71.0001



59.8183, 61.2674, 66.4338

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.



63.1252, 64.9882, 68.2891



60.1807, 64.9882, 71.0001



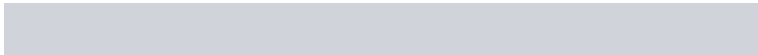
63.2098, 64.9882, 72.8696

Square

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



60.1807, 64.9882, 71.0001



61.8527, 64.9882, 75.4503



63.3857, 64.9882, 70.5226



61.6860, 64.9882, 66.2703

Rectangle

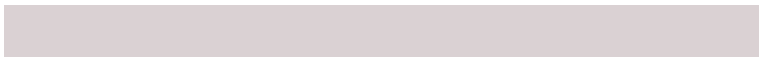
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.1807, 64.9882, 71.0001



60.8082, 64.9882, 74.4939



63.3857, 64.9882, 70.5226



62.7406, 64.9882, 67.1551

Sweetspot

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



60.1825, 64.9910, 71.0015



94.0359, 99.4867, 108.4239



59.7986, 64.9061, 65.8772



20.1382, 21.2997, 23.2122



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.



60.1825, 64.9910, 71.0015



89.1539, 97.0170, 106.0692



59.7286, 63.6786, 72.0973



13.0605, 14.2553, 15.5896



19.0235, 30.8648, 28.4833



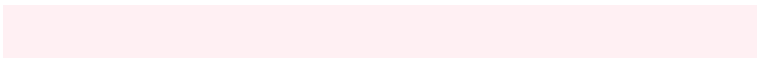
1.1751, 1.8727, 1.8639

Inverse Universe

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



59.8183, 61.2674, 66.4338



88.4539, 89.8605, 97.2904



60.2535, 62.5223, 65.3931



12.9487, 13.1120, 14.1872



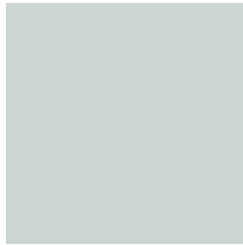
17.0538, 8.7579, 2.3216



1.0586, 0.5402, 0.2978

Previews

White Background



This preview shows how the XYZ color 60.1807, 64.9882, 71.0001 looks on a white background.

Color Contrast Check

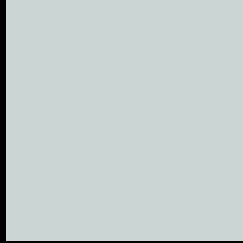
Large Text (above 18pt) WCAG AA × Fail

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 60.1807, 64.9882, 71.0001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

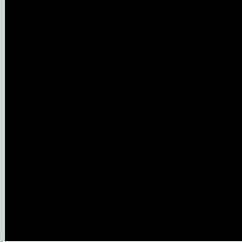
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

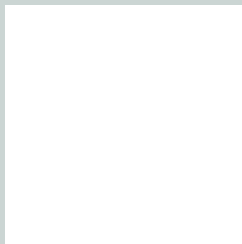
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1807, 64.9882, 71.0001

Background



This preview shows how black text looks on a background with the XYZ color 60.1807, 64.9882, 71.0001.

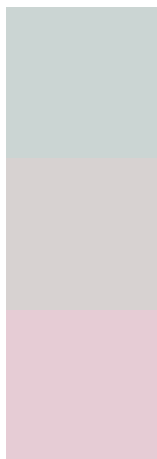


This preview shows how white text looks on a background with the XYZ color 60.1807, 64.9882,

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

60.1807, 64.9882, 71.0001

Protanopia

62.5795, 65.1437, 69.5973

Deuteranopia

66.2362, 64.8128, 71.9699



Tritanopia

62.6130, 65.2564, 81.9687

Trichromacy



Original Color

60.1807, 64.9882, 71.0001

Protanomaly

61.7911, 65.0906, 70.2798

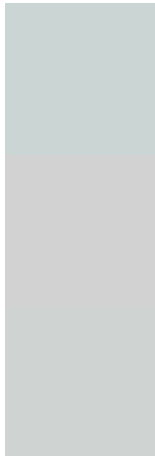
Deuteranomaly

63.7117, 64.5948, 71.3974

Tritanomaly

61.7715, 65.2866, 77.7525

Monochromacy



Original Color

60.1807, 64.9882, 71.0001

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.6593, 64.5071, 70.2268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1807, 64.9882, 71.0001 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(203, 213, 211) looks like.

```
.text, #text, p{  
    color:rgb(203, 213, 211)  
}
```

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(203, 213, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 213, 211) }
```

Border

The CSS property to change the border of an element to XYZ 60.1807, 64.9882, 71.0001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

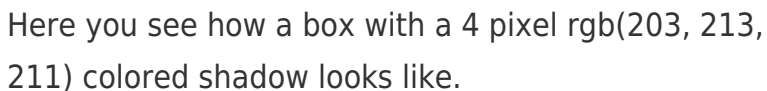
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 213, 211) }
```


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

```
.border{ border-color:rgb(203, 213, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 213, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 213, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 213, 211);  
box-shadow:4px 4px 4px 4px rgb(203, 213,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1807, 64.9882, 71.0001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 213, 211) }
```

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

```
.background{ background-color: rgb(203,  
213, 211) }
```

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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