

Converting Colors

XYZ(59.6080, 65.5733, 70.9101)

Have a look what the booklet for
XYZ(59.6080, 65.5733, 70.9101)
contains.

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Color

**XYZ(59.6115, 65.4461,
71.1185)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D7D3
RGB	199, 215, 211
RGB Percent	78%, 84%, 83%
CMY	0.2196, 0.1568, 0.1725
CMYK	0.07, 0.00, 0.02, 0.16
HSL	165°, 17%, 81%
HSV	165°, 7%, 84%
XYZ	59.6115, 65.4461, 71.1185
YIQ	209.7600, -8.2520, -4.6360

Conversions

Conversions Part 2

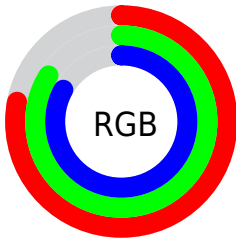
Format	Color
RYB	199, 208, 215
Decimal	13096915
CIELab	84.71, -6.12, 0.11
CIELCh	85, 6.119, 178.925
Yxy	65.4461, 0.3039, 0.3336
Android (android.graphics.Color)	4291286995 (0xFFC7D7D3)
YUV	209.7600, 0.6113, -9.4365
Hunter-Lab	80.8988, -10.0424, 4.5070

Details

The XYZ color **59.6115, 65.4461, 71.1185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2296, 59.6075, 64.8867**, and the grayscale version is **61.1027, 64.2848, 70.0061**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.3337, 33.5957, 36.7841** is the 20% darker color. If you saturate the color by 10%, you get **53.6423, 62.4473, 67.3790**, and if you desaturate by 10%, it is **66.4130, 68.8750, 75.0175**.

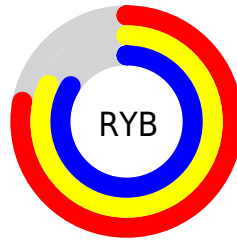
Distribution



Red (78%)

Green (84%)

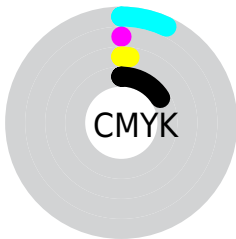
Blue (83%)



Red (78%)

Yellow (82%)

Blue (84%)

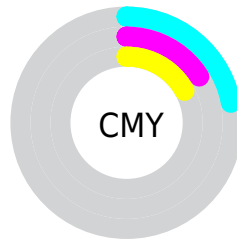


Cyan (7%)

Magenta (0%)

Yellow (2%)

Black (16%)



Cyan (22%)

Magenta (16%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6115, 65.4461, 71.1185 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 59.6115, 65.4461, 71.1185 by changing the saturation by 10% instead.

■ 59.6115, 65.4461,
71.1185

■ 59.6115, 65.4461,
71.1185

413.0220,
444.3933, 483.3624

■ 43.3538, 47.8229,
51.9565

103.3754,
112.6910, 122.4985

■ 30.3586, 33.6867,
36.5884

131.6124,
143.0814, 155.5535

■ 20.2603, 22.6530,
24.5957

164.5732,
178.4964, 194.0766

■ 12.6938, 14.3375,
15.5598

202.6232,
219.3204, 238.4864

■ 7.2936, 8.3558,
9.0622

246.1277,
265.9376, 289.2013

■ 3.6943, 4.3234,
4.6844

295.4521,

■ 1.5307, 1.8561,

318.7326, 346.6399

2.0078

350.9618,
378.0897, 411.2207

■ 0.3466, 0.5218,
0.5601

■ 0.0000, 0.0000,
0.0000

■ 59.6115, 65.4461,
71.1185

■ 59.6115, 65.4461,
71.1185

■ 53.6423, 62.4473,
67.3790

■ 66.4130, 68.8750,
75.0175

■ 48.4660, 59.8529,
63.7919

■ 74.0730, 72.7420,
79.0742

■ 44.0483, 57.6469,
60.3558

■ 79.4257, 75.4169,
83.1429

■ 40.3500, 55.8093,
57.0677

■ 80.1805, 75.7188,
87.1175

■ 37.3286, 54.3182,
53.9245

■ 80.9587, 76.0301,
91.2155

■ 34.9368, 53.1491,
50.9226

■ 81.7605, 76.3508,
95.4377

■ 33.1212, 52.2746,
48.0585

■ 82.5861, 76.6811,
99.7854

■ 31.8190, 51.6625,
45.3278

■ 83.4357, 77.0209,
104.2594

■ 30.9451, 51.2686,
42.7254

■ 83.5916, 77.0833,
105.0805

Harmonies

Analogous

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



59.9787, 65.4461, 67.4416



59.6115, 65.4461, 71.1185



59.9306, 65.4461, 74.9658

Triad

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



59.6115, 65.4461, 71.1185



63.4855, 65.4461, 78.0586



63.5721, 65.4461, 65.0002

Complementary

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



59.6115, 65.4461, 71.1185



59.2296, 59.6075, 64.8867

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.



64.5353, 65.4461, 67.6778



59.6115, 65.4461, 71.1185



64.4848, 65.4461, 75.2192

Square

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



59.6115, 65.4461, 71.1185



62.1552, 65.4461, 79.0601



64.8717, 65.4461, 71.4010



62.2539, 65.4461, 63.9900

Rectangle

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



59.6115, 65.4461, 71.1185



60.4922, 65.4461, 77.0909



64.8717, 65.4461, 71.4010



63.9489, 65.4461, 65.7302

Sweetspot

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



59.6134, 65.4489, 71.1199



92.9938, 98.9636, 107.7351



59.3126, 65.4612, 63.5431



19.9260, 21.1931, 23.0721



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.



59.6134, 65.4489, 71.1199



86.1943, 95.5399, 103.7325



59.1816, 63.7721, 73.4832



12.6533, 14.0523, 15.2545



18.4382, 30.6306, 25.4009



1.1443, 1.8604, 1.7016

Inverse Universe

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



59.2296, 59.6075, 64.8867



85.5126, 85.1622, 92.6590



59.6283, 61.1586, 62.6959



12.5494, 12.4713, 13.5675



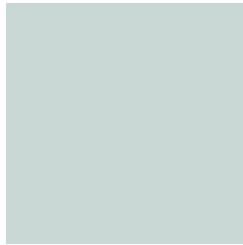
17.1932, 8.8136, 3.0555



1.0705, 0.5450, 0.3607

Previews

White Background



This preview shows how the XYZ color 59.6115, 65.4461, 71.1185 looks on a white background.

Color Contrast Check

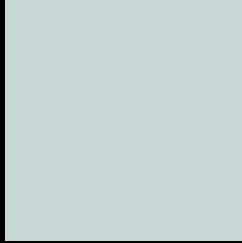
Large Text (above 18pt) WCAG AA × Fail

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 59.6115, 65.4461, 71.1185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

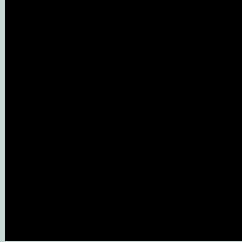
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

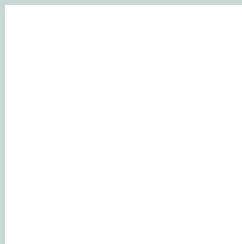
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6115, 65.4461, 71.1185

Background



This preview shows how black text looks on a background with the XYZ color 59.6115, 65.4461, 71.1185.



This preview shows how white text looks on a background with the XYZ color 59.6115, 65.4461,

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

59.6115, 65.4461, 71.1185

Protanopia

62.7507, 65.2462, 68.9610

Deuteranopia

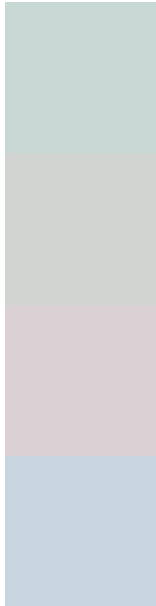
66.7966, 65.4557, 72.0644



Tritanopia

62.0435, 65.3007, 83.4630

Trichromacy



Original Color

59.6115, 65.4461, 71.1185

Protanomaly

61.6304, 65.3921, 69.6953

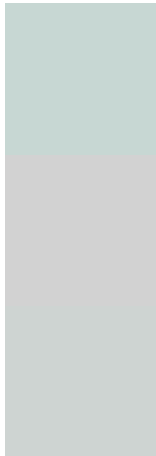
Deuteranomaly

63.8975, 65.4145, 71.5458

Tritanomaly

61.0665, 65.2799, 78.4890

Monochromacy



Original Color

59.6115, 65.4461, 71.1185

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.6299, 64.8619, 70.2968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6115, 65.4461, 71.1185 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(199, 215, 211)` looks like.

```
.text, #text, p{  
    color:rgb(199, 215, 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(199, 215, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 215, 211) }
```

Border

The CSS property to change the border of an element to XYZ 59.6115, 65.4461, 71.1185 is called "border". The border property can be set on classes, ids or directly on the HTML element.

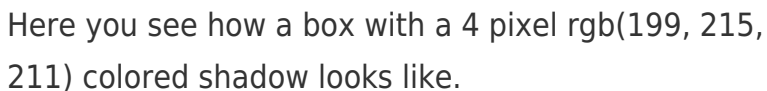
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 215, 211) }
```


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

```
.border{ border-color:rgb(199, 215, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 215, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 215, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 215, 211); box-shadow:4px 4px 4px 4px rgb(199, 215, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6115, 65.4461, 71.1185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 215, 211) }
```

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

```
.background{ background-color: rgb(199,  
215, 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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