

Converting Colors

XYZ(59.0894, 65.1993, 68.4779)

Have a look what the booklet for
XYZ(59.0894, 65.1993, 68.4779)
contains.

XYZ(59.1161, 65.2480, 68.5099)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.1161, 65.2480,
68.5099)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D7CF
RGB	199, 215, 207
RGB Percent	78%, 84%, 81%
CMY	0.2196, 0.1568, 0.1882
CMYK	0.07, 0.00, 0.04, 0.16
HSL	150°, 17%, 81%
HSV	150°, 7%, 84%
XYZ	59.1161, 65.2480, 68.5099
YIQ	209.3040, -6.9680, -5.8800

Conversions

Conversions Part 2

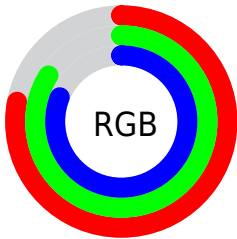
Format	Color
RYB	199, 210, 215
Decimal	13096911
CIELab	84.61, -6.87, 2.09
CIELCh	85, 7.179, 163.094
Yxy	65.2480, 0.3065, 0.3383
Android (android.graphics.Color)	4291286991 (0xFFC7D7CF)
YUV	209.3040, -1.1359, -9.0366
Hunter-Lab	80.7762, -10.7232, 6.2569

Details

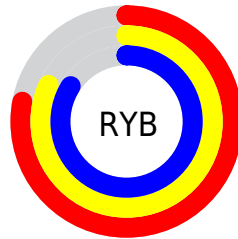
The XYZ color **59.1161, 65.2480, 68.5099** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7126, 59.8005, 67.4300**, and the grayscale version is **60.8148, 63.9819, 69.6763**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9976, 33.4613, 35.0146** is the 20% darker color. If you saturate the color by 10%, you get **52.5397, 62.0063, 61.5727**, and if you desaturate by 10%, it is **66.5917, 68.9466, 75.9592**.

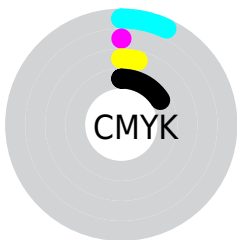
Distribution



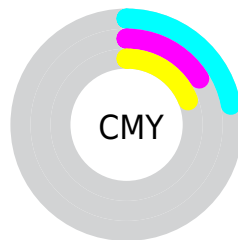
- Red (78%)
- Green (84%)
- Blue (81%)



- Red (78%)
- Yellow (82%)
- Blue (84%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1161, 65.2480, 68.5099 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 59.1161, 65.2480, 68.5099 by changing the saturation by 10% instead.

■ 59.1161, 65.2480,
68.5099

■ 59.1161, 65.2480,
68.5099

411.2192,
443.6826, 473.9475

■ 42.9533, 47.6622,
49.8434

102.6600,
112.4063, 118.7424

■ 30.0429, 33.5595,
34.9187

130.7719,
142.7477, 151.1455

■ 20.0193, 22.5554,
23.3172

163.5975,
178.1096, 188.9645

■ 12.5175, 14.2655,
14.6204

201.5022,
218.8766, 232.6180

■ 7.1718, 8.3056,
8.4098

244.8514,
265.4330, 282.5245

■ 3.6171, 4.2911,
4.2667

294.0104,

■ 1.4879, 1.8377,

318.1632, 339.1026

1.7728

349.3445,
377.4516, 402.7707

■ 0.3176, 0.5105,
0.4099

■ 0.0000, 0.0000,
0.0000

■ 59.1161, 65.2480,
68.5099

■ 59.1161, 65.2480,
68.5099

■ 52.5397, 62.0063,
61.5727

■ 66.5917, 68.9466,
75.9592

■ 46.8216, 59.1952,
55.1325

■ 74.9945, 73.1107,
83.9269

■ 41.9259, 56.7980,
49.1795

■ 81.1599, 76.1107,
92.2750

■ 37.8118, 54.7941,
43.7018

■ 82.7987, 76.7662,
100.9048

■ 34.4351, 53.1608,
38.6872

■ 83.5917, 77.0834,
105.0806

■ 31.7466, 51.8731,
34.1229

■ 29.6910, 50.9027,
29.9953

■ 28.2038, 50.2164,
26.2900

■ 27.1976, 49.7697,
22.9909

Harmonies

Analogous

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



59.9359, 65.2480, 64.7960



59.1161, 65.2480, 68.5099



59.0648, 65.2480, 73.0610

Triad

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



59.1161, 65.2480, 68.5099



62.7166, 65.2480, 79.9855



64.2924, 65.2480, 65.1869

Complementary

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



59.1161, 65.2480, 68.5099



59.7126, 59.8005, 67.4300

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.



65.0645, 65.2480, 69.0645



59.1161, 65.2480, 68.5099



64.1442, 65.2480, 77.6812

Square

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



59.1161, 65.2480, 68.5099



61.1250, 65.2480, 79.8213



65.0098, 65.2480, 73.6398



62.9161, 65.2480, 62.9349

Rectangle

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



59.1161, 65.2480, 68.5099



59.4718, 65.2480, 75.9695



65.0098, 65.2480, 73.6398



64.6323, 65.2480, 66.3361

Sweetspot

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



59.1179, 65.2508, 68.5113



92.7905, 98.8823, 106.6650



60.4183, 66.0313, 63.5946



19.8847, 21.1766, 22.8542



0.0000, 0.0000, 0.0000



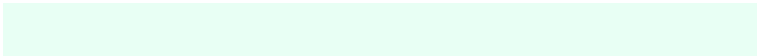
20.3446, 21.4041, 23.3091

Same Dimension

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



59.1179, 65.2508, 68.5113



85.3117, 95.1869, 99.0850



60.0874, 65.6385, 73.6163



12.5187, 13.9985, 14.5461



16.1906, 29.7316, 13.5651



1.0183, 1.8100, 1.0382

Inverse Universe

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



59.7126, 59.8005, 67.4300



86.3681, 85.5043, 97.1639



58.7895, 59.4313, 62.5690



12.6797, 12.5234, 14.2534



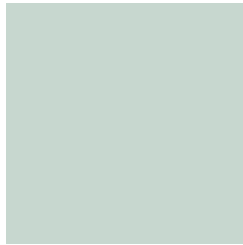
18.4192, 9.3040, 9.5116



1.1527, 0.5779, 0.7937

Previews

White Background



This preview shows how the XYZ color 59.1161, 65.2480, 68.5099 looks on a white background.

Color Contrast Check

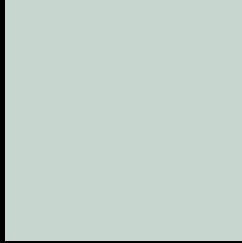
Large Text (above 18pt) WCAG AA × Fail

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 59.1161, 65.2480, 68.5099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

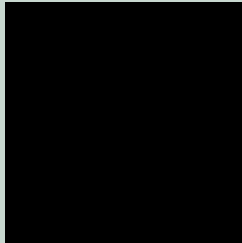
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

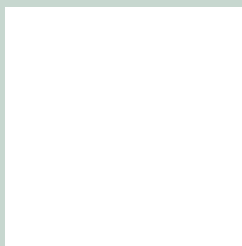
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1161, 65.2480, 68.5099

Background



This preview shows how black text looks on a background with the XYZ color 59.1161, 65.2480, 68.5099.

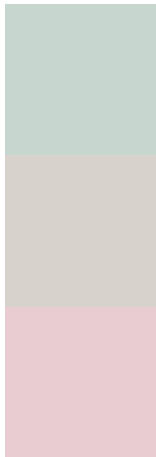


This preview shows how white text looks on a background with the XYZ color 59.1161, 65.2480,

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

59.1161, 65.2480, 68.5099

Protanopia

62.2646, 65.0517, 66.4013

Deuteranopia

66.3802, 64.9450, 69.3586



Tritanopia

62.3149, 65.4406, 83.4757

Trichromacy



Original Color

59.1161, 65.2480, 68.5099

Protanomaly

61.1413, 65.1964, 67.1193

Deuteranomaly

63.4562, 64.8815, 68.8534

Tritanomaly

61.2025, 65.3655, 77.7977

Monochromacy



Original Color

59.1161, 65.2480, 68.5099

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.8563, 64.1217, 68.8965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1161, 65.2480, 68.5099 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(199, 215, 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(199, 215, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 215, 207) }
```

Border

The CSS property to change the border of an element to XYZ 59.1161, 65.2480, 68.5099 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, 207) }
```


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

```
.border{ border-color:rgb(199, 215, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 215, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 215, 207);  
box-shadow:4px 4px 4px 4px rgb(199, 215,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1161, 65.2480, 68.5099 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, 207) }
```

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

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