

Converting Colors

XYZ(51.7165, 58.4917, 59.8582)

Have a look what the booklet for
XYZ(51.7165, 58.4917, 59.8582)
contains.

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Color

**XYZ(51.8176, 58.7110,
59.6402)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CFC2
RGB	184, 207, 194
RGB Percent	72%, 81%, 76%
CMY	0.2784, 0.1882, 0.2392
CMYK	0.11, 0.00, 0.06, 0.19
HSL	146°, 19%, 77%
HSV	146°, 11%, 81%
XYZ	51.8176, 58.7110, 59.6402
YIQ	198.6410, -9.5350, -8.9190

Conversions

Conversions Part 2

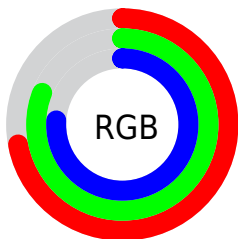
Format	Color
RYB	184, 200, 207
Decimal	12111810
CIELab	81.13, -10.21, 3.83
CIElCh	81, 10.909, 159.447
Yxy	58.7110, 0.3045, 0.3450
Android (android.graphics.Color)	4290301890 (0xFFB8CFC2)
YUV	198.6410, -2.2880, -12.8402
Hunter-Lab	76.6231, -13.3769, 7.4873

Details

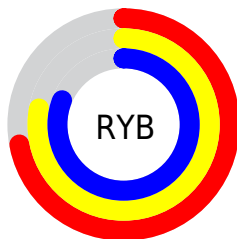
The XYZ color **51.8176, 58.7110, 59.6402** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9528, 51.5791, 59.9910**, and the grayscale version is **54.0858, 56.9025, 61.9668**.

A 20% lighter version of the original color is **88.9505, 96.9474, 104.4670**, and **25.4849, 29.5012, 29.1620** is the 20% darker color. If you saturate the color by 10%, you get **45.9545, 55.8360, 52.7741**, and if you desaturate by 10%, it is **58.5132, 62.0064, 67.0880**.

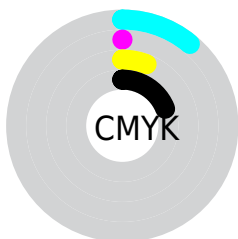
Distribution



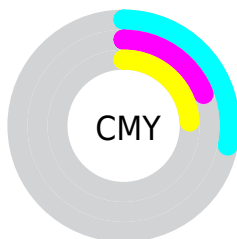
- Red (72%)
- Green (81%)
- Blue (76%)



- Red (72%)
- Yellow (78%)
- Blue (81%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (19%)





- Cyan (28%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.8176, 58.7110, 59.6402 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 51.8176, 58.7110, 59.6402 by changing the saturation by 10% instead.


 51.8176, 58.7110,
59.6402

 51.8176, 58.7110,
59.6402


384.0676,
419.8301, 441.0381

 37.0834, 42.3805,
42.7053


 92.0380, 102.9575,
105.8458

 25.4460, 29.3994,
29.3243


118.2549,
131.6423, 135.9536

 16.5402, 19.3831,
19.0786


149.0301,
165.2141, 171.2894

 10.0005, 11.9475,
11.5497

184.7289,
204.0571, 212.2718

 5.4615, 6.7079,
6.3190

225.7167,
248.5558, 259.3194

 2.5580, 3.2801,
2.9681

272.3588,

 0.9246, 1.2797,

299.0946, 312.8505

1.0784

325.0207,
356.0579, 373.2839

■ 0.0000, 0.1254,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.8176, 58.7110,
59.6402

■ 51.8176, 58.7110,
59.6402

■ 45.9545, 55.8360,
52.7741

■ 58.5132, 62.0064,
67.0880

■ 40.8851, 53.3569,
46.4718


■ 66.0680, 65.7310,
75.1270


■ 36.5749, 51.2578,
40.7201


■ 74.5137, 69.9024,
83.7715


■ 32.9850, 49.5188,
35.5039


■ 79.4023, 72.2272,
92.8247


 30.0726, 48.1183,
30.8073


 81.2054, 72.9484,
102.3193

 27.7903, 47.0322,
26.6135

 81.6039, 73.1078,
104.4180

 26.0841, 46.2330,
22.9049

 24.8900, 45.6880,
19.6625

 24.1589, 45.3658,
17.1537

Harmonies

Analogous

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



53.0772, 58.7110, 54.7568



51.8176, 58.7110, 59.6402



51.6099, 58.7110, 65.9988

Triad

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



51.8176, 58.7110, 59.6402



56.5221, 58.7110, 77.0578



59.2396, 58.7110, 56.3131

Complementary

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



51.8176, 58.7110, 59.6402



52.9528, 51.5791, 59.9910

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.



60.2173, 58.7110, 61.8977



51.8176, 58.7110, 59.6402



58.6206, 58.7110, 74.0663

Square

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



51.8176, 58.7110, 59.6402



54.2857, 58.7110, 76.3513



59.9878, 58.7110, 68.4130



57.3484, 58.7110, 52.9282

Rectangle

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



51.8176, 58.7110, 59.6402



52.0902, 58.7110, 70.2665



59.9878, 58.7110, 68.4130



59.6883, 58.7110, 57.9794

Sweetspot

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



51.8192, 58.7135, 59.6415



91.6028, 98.3024, 105.1452



54.0014, 59.9638, 54.0763



19.4142, 20.9460, 22.2938



0.0000, 0.0000, 0.0000



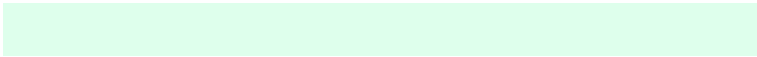
20.3446, 21.4041, 23.3091

Same Dimension

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



51.8192, 58.7135, 59.6415



81.0166, 93.0972, 93.2554



53.1579, 59.2489, 66.6906



11.8667, 13.2904, 13.6542



15.2661, 28.5994, 11.0475



0.8931, 1.6149, 0.8257

Inverse Universe

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



52.9528, 51.5791, 59.9910



83.1373, 79.7492, 93.9088



51.6878, 51.0731, 53.3296



12.0846, 11.9186, 13.7214



18.2841, 9.1865, 11.6684



1.0618, 0.5294, 0.8602

Previews

White Background



This preview shows how the XYZ color 51.8176, 58.7110, 59.6402 looks on a white background.

Color Contrast Check

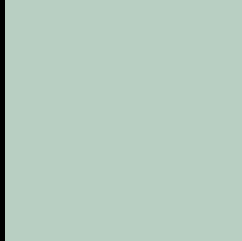
Large Text (above 18pt) WCAG AA × Fail

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 51.8176, 58.7110, 59.6402 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

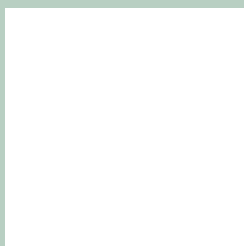
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.8176, 58.7110, 59.6402

Background



This preview shows how black text looks on a background with the XYZ color 51.8176, 58.7110, 59.6402.



This preview shows how white text looks on a background with the XYZ color 51.8176, 58.7110,

59.6402.

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

51.8176, 58.7110, 59.6402

Protanopia

55.6807, 58.2917, 57.0319

Deuteranopia

59.7174, 58.5910, 60.9851



Tritanopia

54.8812, 58.5177, 75.4203

Trichromacy



Original Color

51.8176, 58.7110, 59.6402

Protanomaly

54.3131, 58.6156, 57.7415

Deuteranomaly

56.3997, 58.2423, 60.4939

Tritanomaly

53.7192, 58.4037, 69.4145

Monochromacy



Original Color

51.8176, 58.7110, 59.6402

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.4467, 57.7416, 61.1516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8176, 58.7110, 59.6402 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(184, 207, 194)` looks like.

```
.text, #text, p{  
    color:rgb(184, 207, 194)  
}
```

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(184, 207, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 207, 194) }
```

Border

The CSS property to change the border of an element to XYZ 51.8176, 58.7110, 59.6402 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(184, 207, 194) }
```


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

```
.border{ border-color:rgb(184, 207, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 207, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 207, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 207, 194);  
box-shadow:4px 4px 4px 4px rgb(184, 207,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8176, 58.7110, 59.6402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 207, 194) }
```

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

```
.background{ background-color: rgb(184,  
207, 194) }
```

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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