

Converting Colors

XYZ(51.8941, 58.4694, 59.7928)

Have a look what the booklet for
XYZ(51.8941, 58.4694, 59.7928)
contains.

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Color

**XYZ(51.8165, 58.3519,
59.5710)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B9CEC2 |
| RGB | 185, 206, 194 |
| RGB Percent | 73%, 81%, 76% |
| CMY | 0.2745, 0.1921, 0.2392 |
| CMYK | 0.10, 0.00, 0.06, 0.19 |
| HSL | 146°, 18%, 77% |
| HSV | 146°, 10%, 81% |
| XYZ | 51.8165, 58.3519, 59.5710 |
| YIQ | 198.3530, -8.6640, -8.1840 |

Conversions

Conversions Part 2

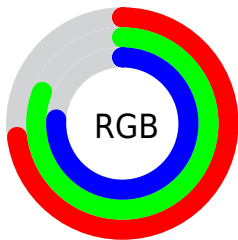
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 185, 200, 206 |
| Decimal | 12177090 |
| CIELab | 80.93, -9.36, 3.55 |
| CIELCh | 81, 10.013, 159.229 |
| Yxy | 58.3519, 0.3053, 0.3438 |
| Android (android.graphics.Color) | 4290367170 (0xFFB9CEC2) |
| YUV | 198.3530, -2.1460, -11.7106 |
| Hunter-Lab | 76.3884, -12.5979, 7.2350 |

Details

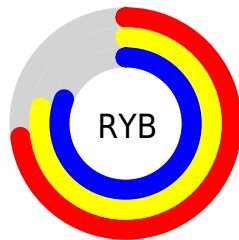
The XYZ color **51.8165, 58.3519, 59.5710** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8827, 51.8525, 60.0473**, and the grayscale version is **53.9090, 56.7165, 61.7642**.

A 20% lighter version of the original color is **89.2909, 97.1229, 104.4829**, and **25.4776, 29.2555, 29.1150** is the 20% darker color. If you saturate the color by 10%, you get **45.9323, 55.4669, 52.6653**, and if you desaturate by 10%, it is **58.5288, 61.6550, 67.0648**.

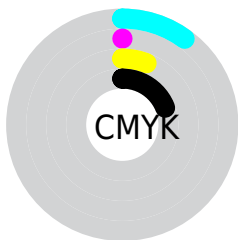
Distribution



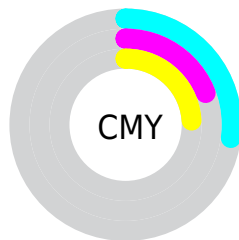
- Red (73%)
- Green (81%)
- Blue (76%)



- Red (73%)
- Yellow (78%)
- Blue (81%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (19%)



- Cyan (27%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8165, 58.3519, 59.5710 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 51.8165, 58.3519, 59.5710 by changing the saturation by 10% instead.

■ 51.8165, 58.3519,
59.5710

■ 51.8165, 58.3519,
59.5710

384.0634,
418.4959, 440.7753

■ 37.0825, 42.0916,
42.6499

■ 92.0364, 102.4351,
105.7444

■ 25.4453, 29.1730,
29.2812

118.2530,
131.0269, 135.8337

■ 16.5397, 19.2118,
19.0462

149.0279,
164.4979, 171.1496

■ 10.0001, 11.8234,
11.5265

184.7263,
203.2326, 212.1105

■ 5.4613, 6.6235,
6.3036

225.7138,
247.6153, 259.1350

■ 2.5579, 3.2278,
2.9588

272.3555,

■ 0.9245, 1.2518,

298.0305, 312.6416

1.0736

325.0169,
354.8626, 373.0489

■ 0.0000, 0.1034,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.8165, 58.3519,
59.5710

■ 51.8165, 58.3519,
59.5710

■ 45.9323, 55.4669,
52.6653

■ 58.5288, 61.6550,
67.0648

■ 40.8381, 52.9757,
46.3296


■ 66.0957, 65.3846,
75.1564


■ 36.5000, 50.8627,
40.5505


■ 74.5483, 69.5582,
83.8604


■ 32.8795, 49.1085,
35.3127


■ 79.2035, 71.7612,
92.9689


 29.9348, 47.6917,
30.6000


 81.0207, 72.4881,
102.5380

 27.6195, 46.5888,
26.3955

 81.3624, 72.6248,
104.3375

 25.8807, 45.7728,
22.6812

 24.6564, 45.2122,
19.4379

 23.8453, 44.8539,
16.6934

Harmonies

Analogous

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



52.9781, 58.3519, 55.0937



51.8165, 58.3519, 59.5710



51.6184, 58.3519, 65.3843

Triad

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



51.8165, 58.3519, 59.5710



56.1037, 58.3519, 75.4865



58.6081, 58.3519, 56.5837

Complementary

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



51.8165, 58.3519, 59.5710



52.8827, 51.8525, 60.0473

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.



59.4913, 58.3519, 61.7215



51.8165, 58.3519, 59.5710



58.0218, 58.3519, 72.7979

Square

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



51.8165, 58.3519, 59.5710



54.0597, 58.3519, 74.8217



59.2740, 58.3519, 67.6717



56.8878, 58.3519, 53.4451

Rectangle

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



51.8165, 58.3519, 59.5710



52.0544, 58.3519, 69.2760



59.2740, 58.3519, 67.6717



59.0146, 58.3519, 58.1208

Sweetspot

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



51.8181, 58.3544, 59.5723



91.5953, 98.2995, 105.1058



53.9219, 59.5522, 54.5525



19.4121, 20.9452, 22.2832



0.0000, 0.0000, 0.0000



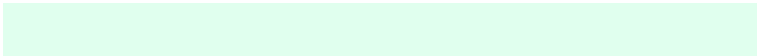
20.3446, 21.4041, 23.3091

Same Dimension

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



51.8181, 58.3544, 59.5723



81.9857, 93.5757, 94.2547



53.0100, 58.8311, 65.8484



11.2642, 12.6154, 12.9489



14.7290, 27.6369, 10.5238



0.7976, 1.4409, 0.7417

Inverse Universe

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



52.8827, 51.8525, 60.0473



84.0134, 81.1906, 95.1592



51.7472, 51.3983, 54.0680



11.4765, 11.3193, 13.0437



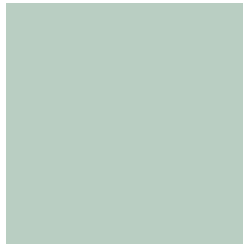
17.7266, 8.9012, 11.5446



0.9520, 0.4742, 0.7933

Previews

White Background



This preview shows how the XYZ color 51.8165, 58.3519, 59.5710 looks on a white background.

Color Contrast Check

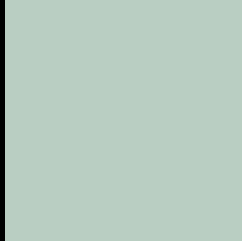
Large Text (above 18pt) WCAG AA × Fail

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 51.8165, 58.3519, 59.5710 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

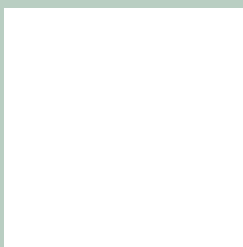
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.8165, 58.3519, 59.5710

Background



This preview shows how black text looks on a background with the XYZ color 51.8165, 58.3519, 59.5710.

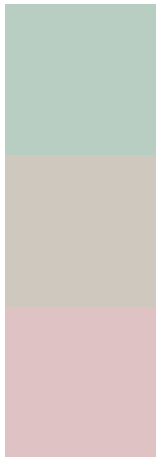


This preview shows how white text looks on a background with the XYZ color 51.8165, 58.3519,

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

51.8165, 58.3519, 59.5710

Protanopia

55.7904, 58.3355, 57.6096

Deuteranopia

59.3798, 58.0987, 60.3091



Tritanopia

54.7617, 58.1218, 74.6621

Trichromacy



Original Color

51.8165, 58.3519, 59.5710

Protanomaly

54.1881, 58.1889, 58.2447

Deuteranomaly

56.3389, 57.8836, 59.8330

Tritanomaly

53.6036, 58.0067, 68.6928

Monochromacy



Original Color

51.8165, 58.3519, 59.5710

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.9570, 57.1420, 61.0617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8165, 58.3519, 59.5710 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(185, 206, 194) looks like.

```
.text, #text, p{  
    color:rgb(185, 206, 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(185, 206, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 206, 194) }
```

Border

The CSS property to change the border of an element to XYZ 51.8165, 58.3519, 59.5710 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(185, 206, 194) }
```


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

```
.border{ border-color:rgb(185, 206, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 206, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 206, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 206, 194);  
box-shadow:4px 4px 4px 4px rgb(185, 206,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8165, 58.3519, 59.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 206, 194) }
```

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

```
.background{ background-color: rgb(185,  
206, 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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