

Converting Colors

XYZ(50.6376, 58.4146, 59.1383)

Have a look what the booklet for
XYZ(50.6376, 58.4146, 59.1383)
contains.

XYZ(50.7719, 58.5457, 59.0766)	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(50.7719, 58.5457,
59.0766)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D0C1
RGB	179, 208, 193
RGB Percent	70%, 82%, 76%
CMY	0.2980, 0.1843, 0.2431
CMYK	0.14, 0.00, 0.07, 0.18
HSL	149°, 24%, 76%
HSV	149°, 14%, 82%
XYZ	50.7719, 58.5457, 59.0766
YIQ	197.6190, -12.4690, -10.8130

Conversions

Conversions Part 2

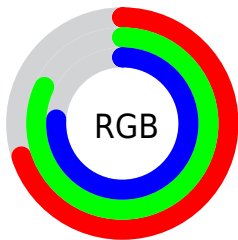
Format	Color
RYB	179, 199, 208
Decimal	11784385
CIELab	81.04, -12.59, 4.19
CIElCh	81, 13.266, 161.591
Yxy	58.5457, 0.3015, 0.3477
Android (android.graphics.Color)	4289974465 (0xFFB3D0C1)
YUV	197.6190, -2.2772, -16.3289
Hunter-Lab	76.5152, -15.4572, 7.7834

Details

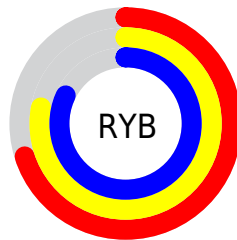
The XYZ color **50.7719, 58.5457, 59.0766** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.8722, 49.5466, 57.8710**, and the grayscale version is **53.4654, 56.2498, 61.2560**.

A 20% lighter version of the original color is **87.1198, 96.0217, 103.5649**, and **24.8934, 29.4403, 29.1815** is the 20% darker color. If you saturate the color by 10%, you get **45.1656, 55.7909, 52.7753**, and if you desaturate by 10%, it is **57.1940, 61.7143, 65.8744**.

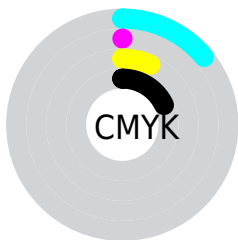
Distribution



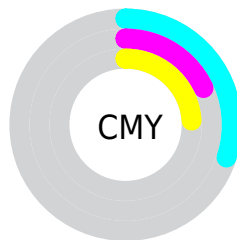
- Red (70%)
- Green (82%)
- Blue (76%)



- Red (70%)
- Yellow (78%)
- Blue (82%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)



- Cyan (30%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7719, 58.5457, 59.0766 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 50.7719, 58.5457, 59.0766 by changing the saturation by 10% instead.

■ 50.7719, 58.5457,
59.0766

■ 50.7719, 58.5457,
59.0766

380.0792,
419.2163, 438.8955

■ 36.2474, 42.2475,
42.2544

■ 90.5025, 102.7171,
105.0192

■ 24.7963, 29.2952,
28.9735

116.4393,
131.3591, 134.9767

■ 16.0533, 19.3042,
18.8153

146.9110,
164.8845, 170.1496

■ 9.6530, 11.8903,
11.3615

182.2829,
203.6777, 210.9566

■ 5.2300, 6.6690,
6.1933

222.9202,
248.1231, 257.8161

■ 2.4190, 3.2560,
2.8923

269.1885,

■ 0.8546, 1.2668,

298.6050, 311.1467

1.0399

321.4531,
355.5080, 371.3670

■ 0.0000, 0.1153,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.7719, 58.5457,
59.0766

■ 50.7719, 58.5457,
59.0766

■ 45.1656, 55.7909,
52.7753

■ 57.1940, 61.7143,
65.8744

■ 40.3360, 53.4249,
46.9555


■ 64.4591, 65.3055,
73.1757


■ 36.2480, 51.4316,
41.6068


■ 72.5993, 69.3373,
80.9924


■ 32.8618, 49.7907,
36.7169

■ 78.9432, 72.4325,
89.2081


 30.1336, 48.4798,
32.2731


 80.5547, 73.0771,
97.6940

 28.0145, 47.4739,
28.2621

 81.8470, 73.5940,
104.4990

 26.4482, 46.7444,
24.6696

 25.3669, 46.2564,
21.4802

 24.8770, 46.0420,
19.7359

Harmonies

Analogous

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



52.2048, 58.5457, 53.0647



50.7719, 58.5457, 59.0766



50.6187, 58.5457, 66.8418

Triad

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



50.7719, 58.5457, 59.0766



56.7165, 58.5457, 79.7842



59.7005, 58.5457, 54.2012

Complementary

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



50.7719, 58.5457, 59.0766



51.8722, 49.5466, 57.8710

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.



60.9954, 58.5457, 60.7479



50.7719, 58.5457, 59.0766



59.2351, 58.5457, 75.7729

Square

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



50.7719, 58.5457, 59.0766



53.9906, 58.5457, 79.2434



60.8223, 58.5457, 68.6558



57.3348, 58.5457, 50.4141

Rectangle

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



50.7719, 58.5457, 59.0766



51.2566, 58.5457, 72.0242



60.8223, 58.5457, 68.6558



60.2789, 58.5457, 56.1283

Sweetspot

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



50.7735, 58.5482, 59.0779



90.5585, 97.7813, 104.3162



53.0627, 59.9003, 51.4138



19.2077, 20.8426, 22.1466



0.0000, 0.0000, 0.0000



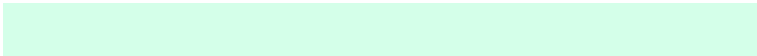
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7735, 58.5482, 59.0779



77.4580, 91.3241, 90.3182



52.4148, 59.2047, 67.7208



11.8906, 13.3000, 13.7804



15.5523, 28.7139, 12.5546



0.9096, 1.6215, 0.9127

Inverse Universe

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



51.8722, 49.5466, 57.8710



79.5581, 74.1170, 88.0108



50.3691, 48.9453, 49.9557



12.0604, 11.9089, 13.5939



17.9351, 9.0469, 9.8305



1.0428, 0.5218, 0.7604

Previews

White Background



This preview shows how the XYZ color 50.7719, 58.5457, 59.0766 looks on a white background.

Color Contrast Check

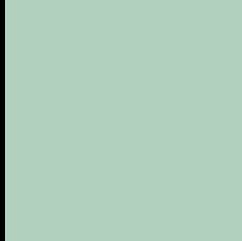
Large Text (above 18pt) WCAG AA × Fail

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 50.7719, 58.5457, 59.0766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

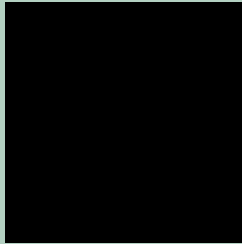
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

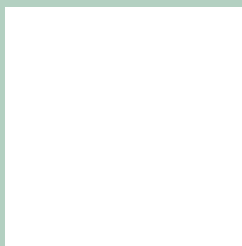
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7719, 58.5457, 59.0766

Background



This preview shows how black text looks on a background with the XYZ color 50.7719, 58.5457, 59.0766.



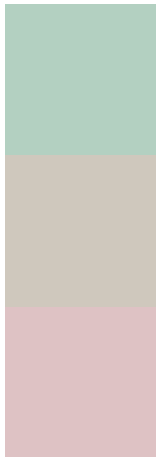
This preview shows how white text looks on a background with the XYZ color 50.7719, 58.5457,

59.0766.

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

50.7719, 58.5457, 59.0766

Protanopia

55.5717, 58.2481, 56.4582

Deuteranopia

59.3798, 58.0987, 60.3091



Tritanopia

54.2783, 58.5434, 76.1494

Trichromacy



Original Color

50.7719, 58.5457, 59.0766

Protanomaly

53.6762, 58.2999, 57.1392

Deuteranomaly

55.7273, 57.9088, 59.8701

Tritanomaly

52.7556, 58.2609, 69.4377

Monochromacy



Original Color

50.7719, 58.5457, 59.0766

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.5702, 57.3029, 60.5144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7719, 58.5457, 59.0766 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(179, 208, 193)` looks like.

```
.text, #text, p{  
    color:rgb(179, 208, 193)  
}
```

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(179, 208, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 208, 193) }
```

Border

The CSS property to change the border of an element to XYZ 50.7719, 58.5457, 59.0766 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(179, 208, 193) }
```


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

```
.border{ border-color:rgb(179, 208, 193) }
```

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

Here you see how a box with a 4 pixel rgb(179, 208, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 208, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 208, 193);  
box-shadow:4px 4px 4px 4px rgb(179, 208,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7719, 58.5457, 59.0766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 208, 193) }
```

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

```
.background{ background-color: rgb(179,  
208, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor