

Converting Colors

XYZ(50.1980, 58.2369, 59.6341)

Have a look what the booklet for
XYZ(50.1980, 58.2369, 59.6341)
contains.

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Color

**XYZ(50.1980, 58.2369,
59.6341)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D0C2
RGB	176, 208, 194
RGB Percent	69%, 82%, 76%
CMY	0.3098, 0.1843, 0.2392
CMYK	0.15, 0.00, 0.07, 0.18
HSL	154°, 25%, 75%
HSV	154°, 15%, 82%
XYZ	50.1980, 58.2369, 59.6341
YIQ	196.8360, -14.5780, -11.1380

Conversions

Conversions Part 2

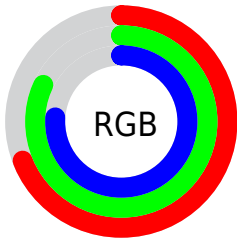
Format	Color
RYB	176, 196, 208
Decimal	11587778
CIELab	80.87, -13.39, 3.38
CIELCh	81, 13.806, 165.815
Yxy	58.2369, 0.2987, 0.3465
Android (android.graphics.Color)	4289777858 (0xFFB0D0C2)
YUV	196.8360, -1.3981, -18.2732
Hunter-Lab	76.3131, -16.1324, 7.0876

Details

The XYZ color **50.1980, 58.2369, 59.6341** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.8341, 48.1798, 55.3382**, and the grayscale version is **52.9878, 55.7473, 60.7088**.

A 20% lighter version of the original color is **86.2940, 95.5779, 104.3427**, and **24.4576, 29.2156, 29.1611** is the 20% darker color. If you saturate the color by 10%, you get **44.8596, 55.6010, 54.2115**, and if you desaturate by 10%, it is **56.3229, 61.2743, 65.4228**.

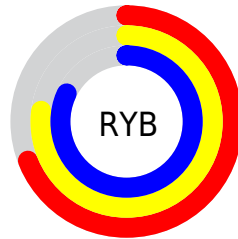
Distribution



Red (69%)

Green (82%)

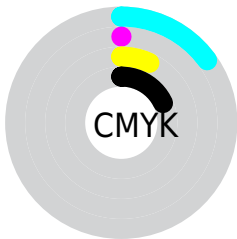
Blue (76%)



Red (69%)

Yellow (77%)

Blue (82%)

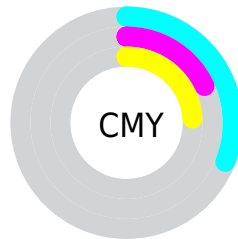


Cyan (15%)

Magenta (0%)

Yellow (7%)

Black (18%)



Cyan (31%)

Magenta (18%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1980, 58.2369, 59.6341 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 50.1980, 58.2369, 59.6341 by changing the saturation by 10% instead.

■ 50.1980, 58.2369,
59.6341

■ 50.1980, 58.2369,
59.6341

377.8789,
418.0681, 441.0149

■ 35.7892, 41.9991,
42.7004

■ 89.6582, 102.2678,
105.8369

■ 24.4408, 29.1006,
29.3205

115.4404,
130.8296, 135.9430

■ 15.7874, 19.1569,
19.0757

145.7443,
164.2683, 171.2771

■ 9.4637, 11.7837,
11.5476

180.9355,
202.9683, 212.2576

■ 5.1044, 6.5966,
6.3177

221.3792,
247.3138, 259.3031

■ 2.3440, 3.2111,
2.9673

267.4407,

■ 0.8171, 1.2429,

297.6894, 312.8321

1.0780

319.4855,
354.4793, 373.2632

■ 0.0000, 0.0963,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.1980, 58.2369,
59.6341

■ 50.1980, 58.2369,
59.6341

■ 44.8596, 55.6010,
54.2115

■ 56.3229, 61.2743,
65.4228

■ 40.2691, 53.3419,
49.1437

■ 63.2611, 64.7219,
71.5808

■ 36.3917, 51.4434,
44.4244

■ 71.0442, 68.5977,
78.1164

■ 33.1878, 49.8854,
40.0456

■ 78.1371, 72.1100,
84.9631

■ 30.6140, 48.6455,
35.9989

■ 79.4521, 72.6360,
91.8879

■ 28.6213, 47.6985,
32.2755

■ 80.8349, 73.1891,
99.1698

■ 27.1530, 47.0156,
28.8660

■ 81.8470, 73.5939,
104.4990

■ 26.1400, 46.5610,
25.7602

■ 25.7674, 46.3981,
24.4247

Harmonies

Analogous

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



51.5077, 58.2369, 53.0695



50.1980, 58.2369, 59.6341



50.2359, 58.2369, 67.7928

Triad

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



50.1980, 58.2369, 59.6341



56.8623, 58.2369, 79.7749



59.2682, 58.2369, 52.7892

Complementary

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



50.1980, 58.2369, 59.6341



50.8341, 48.1798, 55.3382

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.



60.8051, 58.2369, 59.2205



50.1980, 58.2369, 59.6341



59.3838, 58.2369, 75.0136

Square

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



50.1980, 58.2369, 59.6341



54.0178, 58.2369, 79.9099



60.8481, 58.2369, 67.3422



56.7089, 58.2369, 49.3539

Rectangle

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



50.1980, 58.2369, 59.6341



51.0183, 58.2369, 73.0640



60.8481, 58.2369, 67.3422



59.9253, 58.2369, 54.6464

Sweetspot

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



50.1996, 58.2393, 59.6354



89.6285, 97.3074, 104.0257



51.7296, 59.2477, 49.7847



19.0268, 20.7497, 22.1217



0.0000, 0.0000, 0.0000



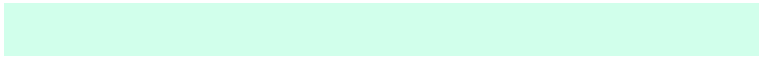
20.3446, 21.4041, 23.3091

Same Dimension

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



50.1996, 58.2393, 59.6354



77.0661, 91.0832, 92.0529



51.4594, 58.1221, 68.1839



11.9308, 13.3161, 13.9918



16.1082, 28.9362, 15.4819



0.9402, 1.6337, 1.0737

Inverse Universe

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



50.8341, 48.1798, 55.3382



78.2335, 72.5774, 84.1487



49.6916, 48.2278, 47.7651



12.0205, 11.8929, 13.3838



17.4363, 8.8474, 7.2039



1.0145, 0.5105, 0.6110

Previews

White Background



This preview shows how the XYZ color 50.1980, 58.2369, 59.6341 looks on a white background.

Color Contrast Check

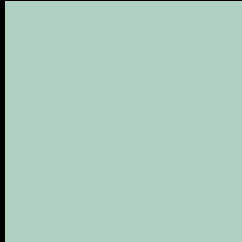
Large Text (above 18pt) WCAG AA × Fail

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 50.1980, 58.2369, 59.6341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

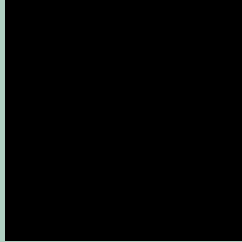
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.1980, 58.2369, 59.6341

Background



This preview shows how black text looks on a background with the XYZ color 50.1980, 58.2369, 59.6341.



This preview shows how white text looks on a background with the XYZ color 50.1980, 58.2369,

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

50.1980, 58.2369, 59.6341

Protanopia

55.5717, 58.2481, 56.4582

Deuteranopia

59.1886, 57.9869, 60.8963



Tritanopia

53.5672, 58.1768, 76.1161

Trichromacy



Original Color

50.1980, 58.2369, 59.6341

Protanomaly

53.5249, 58.2092, 57.7047

Deuteranomaly

55.5641, 57.8115, 60.4547

Tritanomaly

52.1796, 57.9495, 70.0632

Monochromacy



Original Color

50.1980, 58.2369, 59.6341

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.8367, 56.5776, 60.4130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1980, 58.2369, 59.6341 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(176, 208, 194)` looks like.

```
.text, #text, p{  
    color:rgb(176, 208, 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(176, 208, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 208, 194) }
```

Border

The CSS property to change the border of an element to XYZ 50.1980, 58.2369, 59.6341 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(176, 208, 194) }
```


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

```
.border{ border-color:rgb(176, 208, 194) }
```

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

Here you see how a box with a 4 pixel rgb(176, 208, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 208, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 208, 194);  
box-shadow:4px 4px 4px 4px rgb(176, 208,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1980, 58.2369, 59.6341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 208, 194) }
```

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

```
.background{ background-color: rgb(176,  
208, 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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