

Converting Colors

XYZ(51.7290, 58.8450, 60.7768)

Have a look what the booklet for
XYZ(51.7290, 58.8450, 60.7768)
contains.

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Color

**XYZ(51.8111, 59.0424,
60.8901)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D0C4
RGB	182, 208, 196
RGB Percent	71%, 82%, 77%
CMY	0.2863, 0.1843, 0.2314
CMYK	0.13, 0.00, 0.06, 0.18
HSL	152°, 22%, 76%
HSV	152°, 13%, 82%
XYZ	51.8111, 59.0424, 60.8901
YIQ	198.8580, -11.6440, -9.2440

Conversions

Conversions Part 2

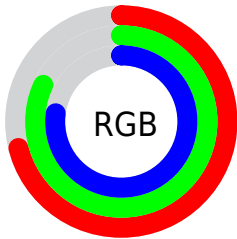
Format	Color
R _Y B	182, 199, 208
Decimal	11980996
CIE Lab	81.31, -11.02, 3.01
CIE LCh	81, 11.421, 164.725
Yxy	59.0424, 0.3017, 0.3438
Android (android.graphics.Color)	4290171076 (0xFFB6D0C4)
YUV	198.8580, -1.4090, -14.7845
Hunter-Lab	76.8391, -14.1092, 6.8038

Details

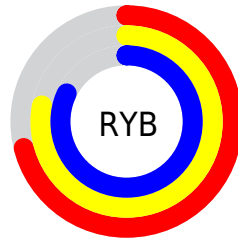
The XYZ color **51.8111, 59.0424, 60.8901** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.4801, 50.7624, 58.0739**, and the grayscale version is **54.2141, 57.0375, 62.1138**.

A 20% lighter version of the original color is **88.7495, 96.7890, 106.9331**, and **25.4913, 29.7313, 29.9864** is the 20% darker color. If you saturate the color by 10%, you get **46.2010, 56.2742, 55.1045**, and if you desaturate by 10%, it is **58.2241, 62.2197, 67.0809**.

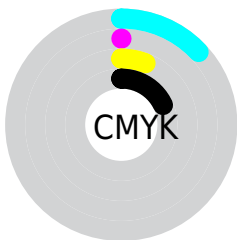
Distribution



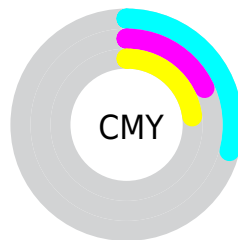
- Red (71%)
- Green (82%)
- Blue (77%)



- Red (71%)
- Yellow (78%)
- Blue (82%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (29%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8111, 59.0424, 60.8901 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 51.8111, 59.0424, 60.8901 by changing the saturation by 10% instead.

■ 51.8111, 59.0424,
60.8901

■ 51.8111, 59.0424,
60.8901

384.0429,
421.0590, 445.7663

■ 37.0782, 42.6473,
43.7065

■ 92.0285, 103.4393,
107.6758

■ 25.4420, 29.6084,
30.1043

118.2436,
132.2098, 138.1149

■ 16.5371, 19.5416,
19.6651

149.0169,
165.8743, 173.8097

■ 9.9983, 12.0623,
11.9702

184.7137,
204.8170, 215.1786

■ 5.4601, 6.7861,
6.6011

225.6994,
249.4225, 262.6401

■ 2.5572, 3.3287,
3.1393

272.3392,

■ 0.9242, 1.3056,

300.0750, 316.6129

1.1662

324.9986,
357.1591, 377.5155

■ 0.0000, 0.1456,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.8111, 59.0424,
60.8901

■ 51.8111, 59.0424,
60.8901

■ 46.2010, 56.2742,
55.1045

■ 58.2241, 62.2197,
67.0809

■ 41.3556, 53.8906,
49.7119

■ 65.4665, 65.8147,
73.6810

■ 37.2406, 51.8759,
44.7048

■ 73.5694, 69.8450,
80.6996

■ 33.8175, 50.2101,
40.0744

■ 78.7070, 72.3380,
87.9639

■ 31.0436, 48.8716,
35.8112

■ 80.1276, 72.9063,
95.4447

■ 28.8716, 47.8361,
31.9053

■ 81.6242, 73.5049,
103.3257

■ 27.2471, 47.0757,
28.3462

■ 81.8470, 73.5940,
104.4990

■ 26.1050, 46.5571,
25.1227

■ 25.4810, 46.2836,
22.9165

Harmonies

Analogous

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



52.9537, 59.0424, 55.4034



51.8111, 59.0424, 60.8901



51.8003, 59.0424, 67.6821

Triad

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



51.8111, 59.0424, 60.8901



57.2913, 59.0424, 77.8385



59.4384, 59.0424, 55.4842

Complementary

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



51.8111, 59.0424, 60.8901



52.4801, 50.7624, 58.0739

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.



60.6693, 59.0424, 61.0076



51.8111, 59.0424, 60.8901



59.4060, 59.0424, 74.0731

Square

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



51.8111, 59.0424, 60.8901



54.9190, 59.0424, 77.8014



60.6573, 59.0424, 67.8082



57.3344, 59.0424, 52.4361

Rectangle

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



51.8111, 59.0424, 60.8901



52.4341, 59.0424, 72.0592



60.6573, 59.0424, 67.8082



59.9706, 59.0424, 57.0950

Sweetspot

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



51.8128, 59.0449, 60.8914



90.6475, 97.8170, 104.7853



53.2838, 59.9789, 53.0255



19.2302, 20.8516, 22.2653



0.0000, 0.0000, 0.0000



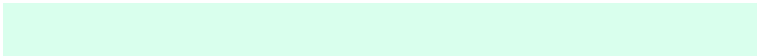
20.3446, 21.4041, 23.3091

Same Dimension

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



51.8128, 59.0449, 60.8914



79.6373, 92.3680, 94.0157



53.0238, 59.1921, 68.3081



11.9186, 13.3112, 13.9278



15.9297, 28.8648, 14.5418



0.9305, 1.6299, 1.0229

Inverse Universe

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



52.4801, 50.7624, 58.0739



80.8982, 76.7208, 88.6932



51.3637, 50.6007, 51.3166



12.0325, 11.8977, 13.4469



17.5764, 8.9034, 7.9414



1.0226, 0.5138, 0.6539

Previews

White Background



This preview shows how the XYZ color 51.8111, 59.0424, 60.8901 looks on a white background.

Color Contrast Check

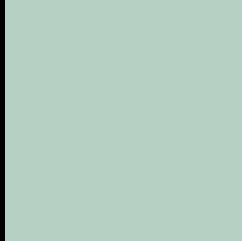
Large Text (above 18pt) WCAG AA × Fail

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 51.8111, 59.0424, 60.8901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

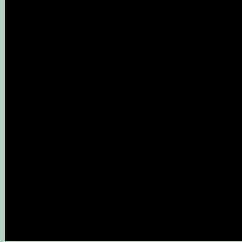
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

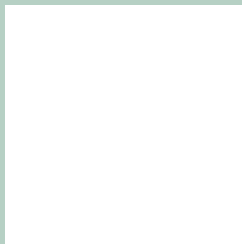
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.8111, 59.0424, 60.8901

Background



This preview shows how black text looks on a background with the XYZ color 51.8111, 59.0424, 60.8901.

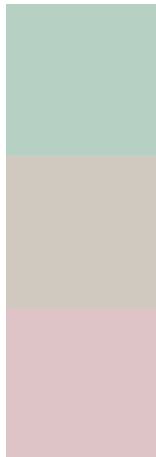


This preview shows how white text looks on a background with the XYZ color 51.8111, 59.0424,

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

51.8111, 59.0424, 60.8901

Protanopia

56.1332, 58.8445, 58.2688

Deuteranopia

59.9481, 58.6833, 62.2002



Tritanopia

54.8937, 58.8453, 76.8717

Trichromacy



Original Color

51.8111, 59.0424, 60.8901

Protanomaly

54.5072, 59.0418, 58.9754

Deuteranomaly

56.5794, 58.6512, 61.7648

Tritanomaly

53.7226, 58.7304, 70.7920

Monochromacy



Original Color

51.8111, 59.0424, 60.8901

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.3059, 57.6557, 61.7452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8111, 59.0424, 60.8901 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(182, 208, 196)` looks like.

```
.text, #text, p{  
    color:rgb(182, 208, 196)  
}
```

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(182, 208, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 208, 196) }
```

Border

The CSS property to change the border of an element to XYZ 51.8111, 59.0424, 60.8901 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(182, 208, 196) }
```


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

```
.border{ border-color:rgb(182, 208, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 208, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 208, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 208, 196);  
box-shadow:4px 4px 4px 4px rgb(182, 208,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8111, 59.0424, 60.8901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 208, 196) }
```

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

```
.background{ background-color: rgb(182,  
208, 196) }
```

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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