

Converting Colors

XYZ(51.5266, 56.6813, 59.8193)

Have a look what the booklet for
XYZ(51.5266, 56.6813, 59.8193)
contains.

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Color

**XYZ(51.7099, 56.8726,
59.8819)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCAC3
RGB	188, 202, 195
RGB Percent	74%, 79%, 76%
CMY	0.2627, 0.2078, 0.2353
CMYK	0.07, 0.00, 0.03, 0.21
HSL	150°, 12%, 76%
HSV	150°, 7%, 79%
XYZ	51.7099, 56.8726, 59.8819
YIQ	197.0160, -6.0970, -5.1450

Conversions

Conversions Part 2

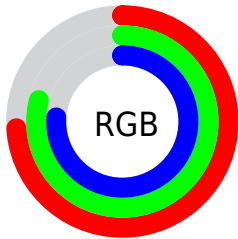
Format	Color
R_{YB}	188, 197, 202
Decimal	12372675
CIE _{Lab}	80.11, -6.08, 1.84
CIE _{LCh}	80, 6.354, 163.145
Yxy	56.8726, 0.3069, 0.3376
Android (android.graphics.Color)	4290562755 (0xFFBCCAC3)
YUV	197.0160, -0.9939, -7.9070
Hunter-Lab	75.4139, -9.5803, 5.7109

Details

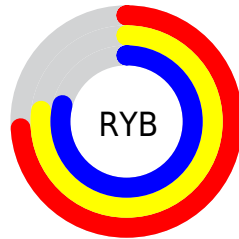
The XYZ color **51.7099, 56.8726, 59.8819** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1927, 52.4646, 59.0083**, and the grayscale version is **53.0904, 55.8552, 60.8263**.

A 20% lighter version of the original color is **90.6389, 97.7814, 106.1920**, and **25.3893, 28.2538, 29.3147** is the 20% darker color. If you saturate the color by 10%, you get **45.9740, 54.0448, 53.8517**, and if you desaturate by 10%, it is **58.2228, 60.0953, 66.3543**.

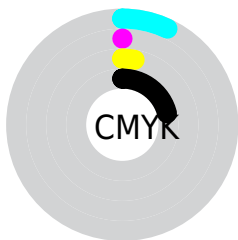
Distribution



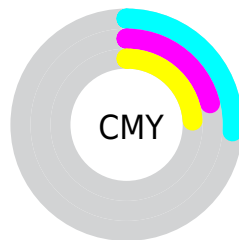
- Red (74%)
- Green (79%)
- Blue (76%)



- Red (74%)
- Yellow (77%)
- Blue (79%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)



- Cyan (26%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7099, 56.8726, 59.8819 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 51.7099, 56.8726, 59.8819 by changing the saturation by 10% instead.

■ 51.7099, 56.8726,
59.8819

■ 51.7099, 56.8726,
59.8819

383.6580,
412.9718, 441.9549

■ 36.9972, 40.9030,
42.8988

■ 91.8800, 100.2793,
106.2000

■ 25.3790, 28.2433,
29.4749

118.0682,
128.4851, 136.3721

■ 16.4899, 18.5091,
19.1917

148.8122,
161.5384, 171.7776

■ 9.9645, 11.3161,
11.6307

184.4775,
199.8237, 212.8350

■ 5.4375, 6.2799,
6.3732

225.4294,
243.7253, 259.9629

■ 2.5436, 3.0160,
3.0009

272.0332,

■ 0.9173, 1.1401,

293.6275, 313.5798

1.0951

324.6543,
349.9149, 374.1043

■ 0.0000, 0.0119,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.7099, 56.8726,
59.8819

■ 51.7099, 56.8726,
59.8819

■ 45.9740, 54.0448,
53.8517

■ 58.2228, 60.0953,
66.3543

■ 40.9801, 51.5891,
48.2507

■ 65.5366, 63.7200,
73.2741

■ 36.6975, 49.4916,
43.0703

■ 73.6799, 67.7632,
80.6515

■ 33.0912, 47.7343,
38.3005

■ 77.4165, 69.5252,
88.2485

■ 30.1236, 46.2981,
33.9309

■ 78.9216, 70.1273,
96.1741

■ 27.7527, 45.1615,
29.9504

■ 80.4116, 70.7233,
104.0205

■ 25.9316, 44.3006,
26.3474

■ 24.6055, 43.6872,
23.1097

■ 23.7020, 43.2844,
20.2235

Harmonies

Analogous

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



52.3725, 56.8726, 56.8709



51.7099, 56.8726, 59.8819



51.6694, 56.8726, 63.5588

Triad

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



51.7099, 56.8726, 59.8819



54.6234, 56.8726, 69.1240



55.8910, 56.8726, 57.1796

Complementary

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



51.7099, 56.8726, 59.8819



52.1927, 52.4646, 59.0083

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.



56.5143, 56.8726, 60.3186



51.7099, 56.8726, 59.8819



55.7746, 56.8726, 67.2691

Square

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



51.7099, 56.8726, 59.8819



53.3377, 56.8726, 68.9957



56.4714, 56.8726, 64.0132



54.7802, 56.8726, 55.3540

Rectangle

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



51.7099, 56.8726, 59.8819



51.9996, 56.8726, 65.9018



56.4714, 56.8726, 64.0132



56.1653, 56.8726, 58.1107

Sweetspot

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



51.7115, 56.8750, 59.8831



92.7905, 98.8823, 106.6649



52.7657, 57.5078, 55.8968



19.8847, 21.1766, 22.8542



0.0000, 0.0000, 0.0000



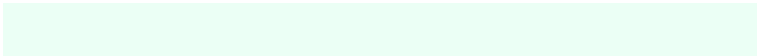
20.3446, 21.4041, 23.3091

Same Dimension

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



51.7115, 56.8750, 59.8831



86.3396, 95.6944, 100.1447



52.4946, 57.1883, 64.0070



11.2980, 12.6289, 13.1267



15.1466, 27.8040, 12.7231



0.8197, 1.4497, 0.8581

Inverse Universe

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



52.1927, 52.4646, 59.0083



87.2852, 87.0284, 98.4257



51.4443, 52.1652, 55.0672



11.4424, 11.3057, 12.8642



17.2307, 8.7029, 8.9336



0.9272, 0.4643, 0.6626

Previews

White Background



This preview shows how the XYZ color 51.7099, 56.8726, 59.8819 looks on a white background.

Color Contrast Check

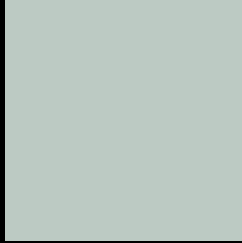
Large Text (above 18pt) WCAG AA × Fail

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 51.7099, 56.8726, 59.8819 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

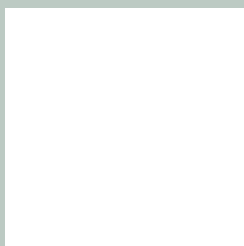
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.7099, 56.8726, 59.8819

Background



This preview shows how black text looks on a background with the XYZ color 51.7099, 56.8726, 59.8819.



This preview shows how white text looks on a background with the XYZ color 51.7099, 56.8726,

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

51.7099, 56.8726, 59.8819

Protanopia

54.4483, 56.9349, 58.5719

Deuteranopia

57.8411, 56.6359, 60.7066



Tritanopia

54.1750, 56.8295, 72.4038

Trichromacy



Original Color

51.7099, 56.8726, 59.8819

Protanomaly

53.4497, 56.7477, 59.1752

Deuteranomaly

55.4359, 56.7308, 60.2529

Tritanomaly

53.2746, 56.8098, 67.8320

Monochromacy



Original Color

51.7099, 56.8726, 59.8819

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.6354, 56.3017, 60.3177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7099, 56.8726, 59.8819 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(188, 202, 195) looks like.

```
.text, #text, p{  
    color:rgb(188, 202, 195)  
}
```

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(188, 202, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 202, 195) }
```

Border

The CSS property to change the border of an element to XYZ 51.7099, 56.8726, 59.8819 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(188, 202, 195) }
```


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

```
.border{ border-color:rgb(188, 202, 195) }
```

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

Here you see how a box with a 4 pixel rgb(188, 202, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 202, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 202, 195);  
box-shadow:4px 4px 4px 4px rgb(188, 202,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7099, 56.8726, 59.8819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 202, 195) }
```

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

```
.background{ background-color: rgb(188,  
202, 195) }
```

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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