

Converting Colors

XYZ(50.4924, 57.0210, 56.6879)

Have a look what the booklet for
XYZ(50.4924, 57.0210, 56.6879)
contains.

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Color

**XYZ(50.5453, 57.0502,
56.4919)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B8CCBD |
| RGB | 184, 204, 189 |
| RGB Percent | 72%, 80%, 74% |
| CMY | 0.2784, 0.2000, 0.2588 |
| CMYK | 0.10, 0.00, 0.07, 0.20 |
| HSL | 135°, 16%, 76% |
| HSV | 135°, 10%, 80% |
| XYZ | 50.5453, 57.0502, 56.4919 |
| YIQ | 196.3100, -7.1050, -8.9050 |

Conversions

Conversions Part 2

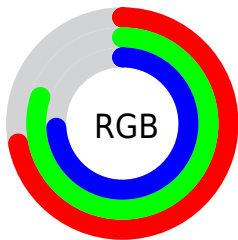
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 184, 200, 204 |
| Decimal | 12111037 |
| CIELab | 80.21, -9.60, 5.17 |
| CIELCh | 80, 10.902, 151.708 |
| Yxy | 57.0502, 0.3080, 0.3477 |
| Android (android.graphics.Color) | 4290301117 (0xFFB8CCBD) |
| YUV | 196.3100, -3.6038, -10.7959 |
| Hunter-Lab | 75.5316, -12.7291, 8.5277 |

Details

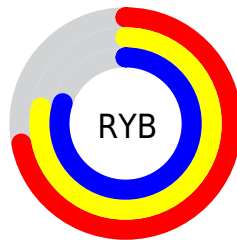
The XYZ color **50.5453, 57.0502, 56.4919** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3531, 51.2432, 61.1670**, and the grayscale version is **52.6807, 55.4242, 60.3570**.

A 20% lighter version of the original color is **88.1766, 96.6378, 100.3918**, and **24.7104, 28.4156, 27.4749** is the 20% darker color. If you saturate the color by 10%, you get **44.4324, 54.0824, 47.9887**, and if you desaturate by 10%, it is **57.5414, 60.4563, 65.9535**.

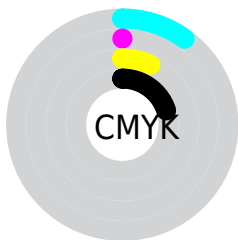
Distribution



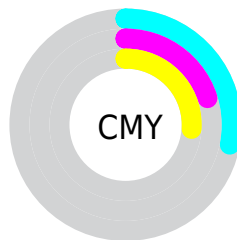
- Red (72%)
- Green (80%)
- Blue (74%)



- Red (72%)
- Yellow (78%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (28%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5453, 57.0502, 56.4919 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 50.5453, 57.0502, 56.4919 by changing the saturation by 10% instead.

■ 50.5453, 57.0502,
56.4919

■ 50.5453, 57.0502,
56.4919

379.2114,
413.6374, 428.9829

■ 36.0664, 41.0455,
40.1908

■ 90.1693, 100.5384,
101.2164

■ 24.6559, 28.3547,
27.3724

116.0451,
128.7908, 130.4769

■ 15.9482, 18.5932,
17.6182

146.4507,
161.8945, 164.8942

■ 9.5781, 11.3767,
10.5096

181.7513,
200.2340, 204.8870

■ 5.1803, 6.3208,
5.6282

222.3123,
244.1936, 250.8737

■ 2.3893, 3.0411,
2.5552

268.4991,

■ 0.8398, 1.1532,

294.1578, 303.2729

0.8692

320.6770,
350.5109, 362.5031

■ 0.0000, 0.0230,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.5453, 57.0502,
56.4919

■ 50.5453, 57.0502,
56.4919

■ 44.4324, 54.0824,
47.9887

■ 57.5414, 60.4563,
65.9535

■ 39.1624, 51.5279,
40.4103

■ 65.4494, 64.3100,
76.3984

■ 34.6992, 49.3703,
33.7266

■ 74.3024, 68.6295,
87.8552

■ 31.0018, 47.5893,
27.9042

■ 80.1214, 71.3629,
100.1625

■ 28.0260, 46.1627,
22.9080

■ 80.8840, 71.6680,
104.1780

■ 25.7223, 45.0659,
18.7003

■ 24.0354, 44.2711,
15.2403

■ 22.9000, 43.7456,
12.4835

■ 22.2030, 43.4321,
10.3791

Harmonies

Analogous

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



52.0077, 57.0502, 52.2701



50.5453, 57.0502, 56.4919



50.0612, 57.0502, 62.4837

Triad

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



50.5453, 57.0502, 56.4919



54.3521, 57.0502, 75.1822



57.9447, 57.0502, 55.9005

Complementary

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



50.5453, 57.0502, 56.4919



52.3531, 51.2432, 61.1670

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.



58.6125, 57.0502, 61.7536



50.5453, 57.0502, 56.4919



56.5034, 57.0502, 73.1311

Square

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



50.5453, 57.0502, 56.4919



52.2227, 57.0502, 73.5388



58.0781, 57.0502, 68.1057



56.2768, 57.0502, 51.9454

Rectangle

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



50.5453, 57.0502, 56.4919



50.3475, 57.0502, 66.7591



58.0781, 57.0502, 68.1057



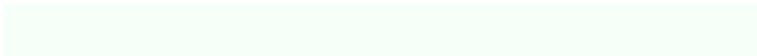
58.2956, 57.0502, 57.6970

Sweetspot

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



50.5469, 57.0526, 56.4932



91.3812, 98.2138, 103.9781



53.8886, 58.8370, 53.8645



19.3545, 20.9221, 21.9794



0.0000, 0.0000, 0.0000



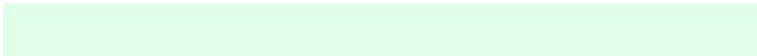
20.3446, 21.4041, 23.3091

Same Dimension

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



50.5469, 57.0526, 56.4932



81.1971, 93.2603, 90.1022



51.6320, 57.4867, 62.2071



11.1812, 12.5822, 12.5115



13.9987, 27.3448, 6.6780



0.7535, 1.4232, 0.5096

Inverse Universe

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



52.3531, 51.2432, 61.1670



84.8460, 81.5237, 99.5435



51.2656, 50.8082, 55.4402



11.5631, 11.3540, 13.4996



19.3316, 9.5432, 19.9969



1.0265, 0.5040, 1.1855

Previews

White Background



This preview shows how the XYZ color 50.5453, 57.0502, 56.4919 looks on a white background.

Color Contrast Check

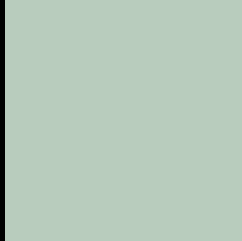
Large Text (above 18pt) WCAG AA × Fail

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 50.5453, 57.0502, 56.4919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

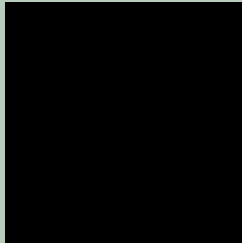
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

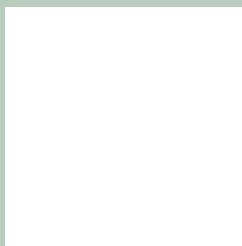
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.5453, 57.0502, 56.4919

Background



This preview shows how black text looks on a background with the XYZ color 50.5453, 57.0502, 56.4919.



This preview shows how white text looks on a background with the XYZ color 50.5453, 57.0502,

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

50.5453, 57.0502, 56.4919

Protanopia

54.2338, 56.9125, 54.5811

Deuteranopia

57.7688, 56.6765, 57.1851



Tritanopia

53.7880, 56.9578, 73.1248

Trichromacy



Original Color

50.5453, 57.0502, 56.4919

Protanomaly

52.6499, 56.7667, 55.1958

Deuteranomaly

54.7663, 56.4630, 56.7271

Tritanomaly

52.5207, 56.7943, 66.5868

Monochromacy



Original Color

50.5453, 57.0502, 56.4919

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.7873, 55.9036, 58.5131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5453, 57.0502, 56.4919 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(184, 204, 189)` looks like.

```
.text, #text, p{  
    color:rgb(184, 204, 189)  
}
```

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(184, 204, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 204, 189) }
```

Border

The CSS property to change the border of an element to XYZ 50.5453, 57.0502, 56.4919 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(184, 204, 189) }
```


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

```
.border{ border-color:rgb(184, 204, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 204, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 204, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 204, 189); box-shadow:4px 4px 4px 4px rgb(184, 204, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5453, 57.0502, 56.4919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 204, 189) }
```

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

```
.background{ background-color: rgb(184,  
204, 189) }
```

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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