

Converting Colors

XYZ(50.4992, 56.9496, 59.9605)

Have a look what the booklet for
XYZ(50.4992, 56.9496, 59.9605)
contains.

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Color

**XYZ(50.4992, 56.9496,
59.9605)**

Conversions

Conversions Part 1

Format	Color
Hex	B5CCC3
RGB	181, 204, 195
RGB Percent	71%, 80%, 76%
CMY	0.2902, 0.2000, 0.2353
CMYK	0.11, 0.00, 0.04, 0.20
HSL	157°, 18%, 75%
HSV	157°, 11%, 80%
XYZ	50.4992, 56.9496, 59.9605
YIQ	196.0970, -10.8190, -7.6750

Conversions

Conversions Part 2

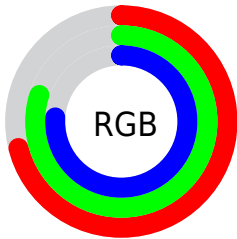
Format	Color
R_{YB}	181, 195, 204
Decimal	11914435
CIE Lab	80.15, -9.48, 1.85
CIE LCh	80, 9.657, 168.983
Yxy	56.9496, 0.3017, 0.3402
Android (android.graphics.Color)	4290104515 (0xFFB5CCC3)
YUV	196.0970, -0.5408, -13.2401
Hunter-Lab	75.4650, -12.6161, 5.7167

Details

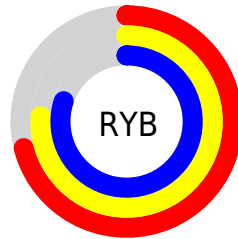
The XYZ color **50.4992, 56.9496, 59.9605** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7220, 49.6042, 55.6190**, and the grayscale version is **52.5366, 55.2726, 60.1919**.

A 20% lighter version of the original color is **88.2557, 96.5528, 106.0804**, and **24.6162, 28.3250, 29.3692** is the 20% darker color. If you saturate the color by 10%, you get **45.1830, 54.3121, 55.1251**, and if you desaturate by 10%, it is **56.5673, 59.9723, 65.0855**.

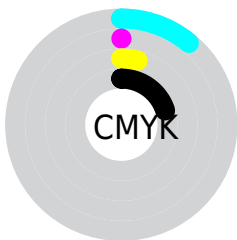
Distribution



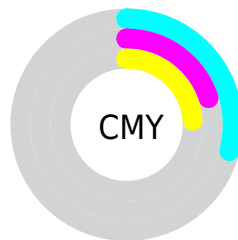
- Red (71%)
- Green (80%)
- Blue (76%)



- Red (71%)
- Yellow (76%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (29%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4992, 56.9496, 59.9605 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 50.4992, 56.9496, 59.9605 by changing the saturation by 10% instead.

■ 50.4992, 56.9496,
59.9605

■ 50.4992, 56.9496,
59.9605

379.0347,
413.2604, 442.2528

■ 36.0296, 40.9648,
42.9617

■ 90.1015, 100.3916,
106.3152

■ 24.6273, 28.2916,
29.5239

115.9649,
128.6177, 136.5081

■ 15.9268, 18.5456,
19.2285

146.3570,
161.6929, 171.9362

■ 9.5629, 11.3424,
11.6570

181.6431,
200.0016, 213.0180

■ 5.1702, 6.2976,
6.3909

222.1885,
243.9284, 260.1720

■ 2.3832, 3.0269,
3.0116

268.3587,

■ 0.8367, 1.1458,

293.8575, 313.8168

1.1006

320.5190,
350.1734, 374.3709

■ 0.0000, 0.0167,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.4992, 56.9496,
59.9605

■ 50.4992, 56.9496,
59.9605

■ 45.1830, 54.3121,
55.1251

■ 56.5673, 59.9723,
65.0855

■ 40.5829, 52.0368,
50.5702

■ 63.4118, 63.3879,
70.5014

■ 36.6672, 50.1088,
46.2915

■ 71.0617, 67.2131,
76.2147

■ 33.3999, 48.5097,
42.2832

■ 76.6907, 69.9906,
82.0966

■ 30.7414, 47.2193,
38.5392

■ 77.8183, 70.4416,
88.0346

■ 28.6478, 46.2150,
35.0533

■ 78.9977, 70.9134,
94.2453

■ 27.0689, 45.4710,
31.8185

■ 80.2296, 71.4061,
100.7322

■ 25.9449, 44.9567,
28.8275

■ 80.8839, 71.6679,
104.1780

■ 25.2422, 44.6472,
26.4093

Harmonies

Analogous

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



51.3239, 56.9496, 55.1651



50.4992, 56.9496, 59.9605



50.6292, 56.9496, 65.6005

Triad

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



50.4992, 56.9496, 59.9605



55.3690, 56.9496, 72.8302



56.6503, 56.9496, 54.1864

Complementary

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



50.4992, 56.9496, 59.9605



50.7220, 49.6042, 55.6190

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.



57.7863, 56.9496, 58.5500



50.4992, 56.9496, 59.9605



57.0342, 56.9496, 69.3955

Square

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



50.4992, 56.9496, 59.9605



53.4090, 56.9496, 73.2648



57.9285, 56.9496, 64.1025



54.8552, 56.9496, 51.9685

Rectangle

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



50.4992, 56.9496, 59.9605



51.2406, 56.9496, 69.0782



57.9285, 56.9496, 64.1025



57.1237, 56.9496, 55.4383

Sweetspot

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



50.5008, 56.9520, 59.9618



91.8129, 98.3865, 106.2518



51.2204, 57.4974, 52.1153



19.4709, 20.9686, 22.5924



0.0000, 0.0000, 0.0000



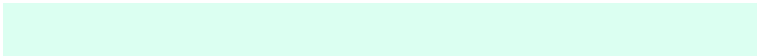
20.3446, 21.4041, 23.3091

Same Dimension

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



50.5008, 56.9520, 59.9618



80.9451, 92.9792, 96.9212



51.0072, 56.2862, 65.3055



11.3500, 12.6498, 13.4007



15.9338, 28.1188, 16.8682



0.8586, 1.4653, 1.0629

Inverse Universe

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



50.7220, 49.6042, 55.6190



81.3968, 77.9785, 88.0563



50.2395, 50.1658, 50.7519



11.3911, 11.2852, 12.5941



16.6240, 8.4602, 5.7384



0.8946, 0.4512, 0.4908

Previews

White Background



This preview shows how the XYZ color 50.4992, 56.9496, 59.9605 looks on a white background.

Color Contrast Check

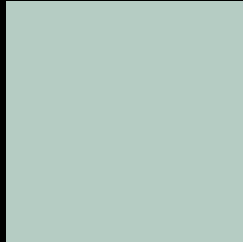
Large Text (above 18pt) WCAG AA × Fail

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 50.4992, 56.9496, 59.9605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

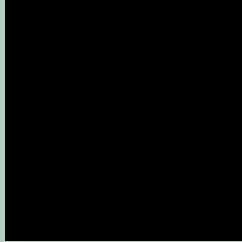
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

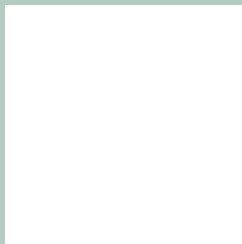
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.4992, 56.9496, 59.9605

Background



This preview shows how black text looks on a background with the XYZ color 50.4992, 56.9496, 59.9605.

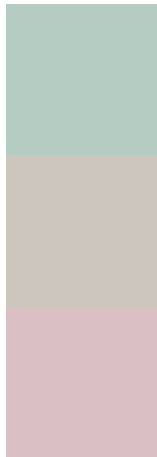


This preview shows how white text looks on a background with the XYZ color 50.4992, 56.9496,

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

50.4992, 56.9496, 59.9605

Protanopia

54.4999, 56.9871, 57.4174

Deuteranopia

57.8411, 56.6359, 60.7066



Tritanopia

53.4186, 57.0973, 73.8511

Trichromacy



Original Color

50.4992, 56.9496, 59.9605

Protanomaly

52.9337, 56.8501, 58.0524

Deuteranomaly

54.8806, 56.4445, 60.2269

Tritanomaly

52.3963, 57.0349, 68.5688

Monochromacy



Original Color

50.4992, 56.9496, 59.9605

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.8731, 55.9087, 60.2820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4992, 56.9496, 59.9605 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(181, 204, 195)` looks like.

```
.text, #text, p{  
    color:rgb(181, 204, 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(181, 204, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 204, 195) }
```

Border

The CSS property to change the border of an element to XYZ 50.4992, 56.9496, 59.9605 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(181, 204, 195) }
```


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

```
.border{ border-color:rgb(181, 204, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 204, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 204, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 204, 195);  
box-shadow:4px 4px 4px 4px rgb(181, 204,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4992, 56.9496, 59.9605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 204, 195) }
```

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

```
.background{ background-color: rgb(181,  
204, 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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