

Converting Colors

XYZ(50.5136, 49.9799, 60.6041)

Have a look what the booklet for
XYZ(50.5136, 49.9799, 60.6041)
contains.

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Color

**XYZ(50.4152, 49.9500,
60.4102)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B7C6
RGB	198, 183, 198
RGB Percent	78%, 72%, 78%
CMY	0.2235, 0.2823, 0.2235
CMYK	0.00, 0.08, 0.00, 0.22
HSL	300°, 12%, 75%
HSV	300°, 8%, 78%
XYZ	50.4152, 49.9500, 60.4102
YIQ	189.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

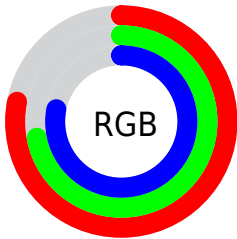
Format	Color
R _Y B	198, 183, 198
Decimal	13023174
CIE Lab	76.04, 8.02, -5.65
CIE LCh	76, 9.816, 324.828
Yxy	49.9500, 0.3136, 0.3107
Android (android.graphics.Color)	4291213254 (0xFFC6B7C6)
YUV	189.1950, 4.3409, 7.7220
Hunter-Lab	70.6753, 3.6486, -1.2058

Details

The XYZ color **50.4152, 49.9500, 60.4102** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2717, 53.8757, 52.6572**, and the grayscale version is **48.4569, 50.9804, 55.5177**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **24.5183, 23.9082, 29.7080** is the 20% darker color. If you saturate the color by 10%, you get **46.6157, 42.3503, 59.1443**, and if you desaturate by 10%, it is **54.7921, 58.7030, 61.8698**.

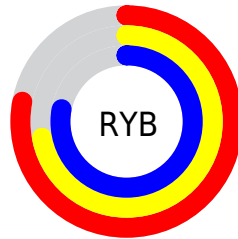
Distribution



Red (78%)

Green (72%)

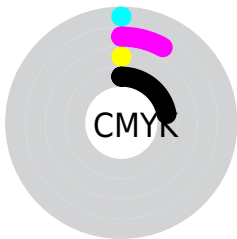
Blue (78%)



Red (78%)

Yellow (72%)

Blue (78%)

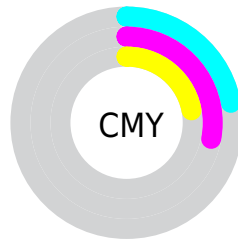


Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (28%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4152, 49.9500, 60.4102 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 50.4152, 49.9500, 60.4102 by changing the saturation by 10% instead.

■ 50.4152, 49.9500,
60.4102

■ 50.4152, 49.9500,
60.4102

378.7126,
386.4704, 443.9547

■ 35.9626, 35.3737,
43.3219

■ 89.9779, 90.1008,
106.9737

■ 24.5753, 23.9509,
29.8045

115.8187,
116.4440, 137.2859

■ 15.8879, 15.2972,
19.4394

146.1862,
147.4784, 172.8432

■ 9.5352, 9.0282,
11.8082

181.4458,
183.5882, 214.0642

■ 5.1518, 4.7596,
6.4923

221.9629,
225.1579, 261.3672

■ 2.3723, 2.1069,
3.0731

268.1029,

■ 0.8313, 0.6685,

272.5720, 315.1710

1.1321

320.2310,
326.2146, 375.8939

■ 0.0000, 0.0000,
0.0000

■ 50.4152, 49.9500,
60.4102

■ 50.4152, 49.9500,
60.4102

■ 46.6157, 42.3503,
59.1443

■ 54.7921, 58.7030,
61.8698

■ 43.3654, 35.8498,
58.0609

■ 59.7645, 68.6478,
63.5272

■ 40.6402, 30.3995,
57.1525

■ 65.3552, 79.8290,
65.3908

■ 38.4126, 25.9444,
56.4100

■ 69.2423, 87.6033,
66.6865

■ 36.6526, 22.4244,
55.8233

■ 69.2424, 87.6033,
66.6865

35.3268, 19.7729,
55.3814

69.2424, 87.6033,
66.6865

34.3977, 17.9146,
55.0717

69.2425, 87.6033,
66.6865

33.8211, 16.7615,
54.8795

69.2425, 87.6034,
66.6865

33.5339, 16.1873,
54.7838

69.2425, 87.6034,
66.6865

Harmonies

Analogous

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



48.9711, 49.9500, 64.0704



50.4152, 49.9500, 60.4102



51.0728, 49.9500, 55.3019

Triad

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



50.4152, 49.9500, 60.4102



47.7944, 49.9500, 44.9423



44.3490, 49.9500, 58.7358

Complementary

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



50.4152, 49.9500, 60.4102



48.2717, 53.8757, 52.6572

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.



44.0521, 49.9500, 53.4823



50.4152, 49.9500, 60.4102



46.0116, 49.9500, 45.7321

Square

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



50.4152, 49.9500, 60.4102



49.5350, 49.9500, 46.5474



44.6533, 49.9500, 48.7782



45.4748, 49.9500, 63.0610

Rectangle

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



50.4152, 49.9500, 60.4102



50.9647, 49.9500, 51.8449



44.6533, 49.9500, 48.7782



44.1502, 49.9500, 57.0110

Sweetspot

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



50.4166, 49.9522, 60.4113



93.4445, 96.7891, 108.3648



46.7089, 48.1173, 60.2525



20.0178, 20.7505, 23.2001



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.



50.4166, 49.9522, 60.4113



88.1606, 86.2213, 106.6036



49.6003, 49.6256, 56.1123



11.0831, 10.8166, 13.4212



21.7738, 10.4590, 35.6155



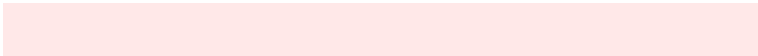
1.0310, 0.4952, 1.6864

Inverse Universe

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



48.7713, 49.2940, 51.7466



84.6833, 84.8304, 88.2919



49.0459, 54.1854, 56.7342



10.6339, 10.6369, 11.0554



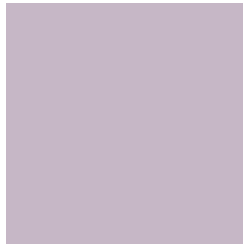
15.1453, 7.8077, 0.7088



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 50.4152, 49.9500, 60.4102 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 50.4152, 49.9500, 60.4102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

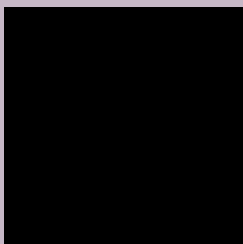
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

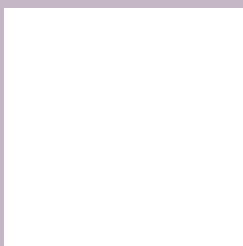
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.4152, 49.9500, 60.4102

Background



This preview shows how black text looks on a background with the XYZ color 50.4152, 49.9500, 60.4102.



This preview shows how white text looks on a background with the XYZ color 50.4152, 49.9500,

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

50.4152, 49.9500, 60.4102

Protanopia

48.4777, 49.8527, 61.7111

Deuteranopia

51.0084, 49.9506, 60.3791



Tritanopia

50.3002, 49.9040, 59.8046

Trichromacy



Original Color

50.4152, 49.9500, 60.4102

Protanomaly

49.1436, 49.8978, 61.0739

Deuteranomaly

50.7404, 49.8125, 60.3665

Tritanomaly

50.3002, 49.9040, 59.8046

Monochromacy



Original Color

50.4152, 49.9500, 60.4102

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.0230, 50.5529, 57.0431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4152, 49.9500, 60.4102 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(198, 183, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 183, 198)  
}
```

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(198, 183, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 183, 198) }
```

Border

The CSS property to change the border of an element to XYZ 50.4152, 49.9500, 60.4102 is called "border". The border property can be set on classes, ids or directly on the HTML element.

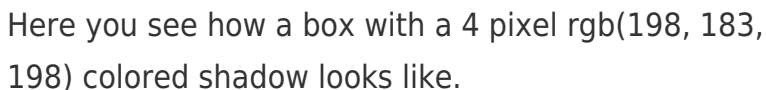
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 183, 198) }
```


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

```
.border{ border-color:rgb(198, 183, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 183, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 183, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 183, 198); box-shadow:4px 4px 4px 4px rgb(198, 183, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4152, 49.9500, 60.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 183, 198) }
```

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

```
.background{ background-color: rgb(198,  
183, 198) }
```

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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