

Converting Colors

XYZ(50.8226, 50.7981, 59.2840)

Have a look what the booklet for
XYZ(50.8226, 50.7981, 59.2840)
contains.

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Color

**XYZ(50.8660, 50.8256,
59.3539)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B9C4
RGB	199, 185, 196
RGB Percent	78%, 73%, 77%
CMY	0.2196, 0.2745, 0.2314
CMYK	0.00, 0.07, 0.02, 0.22
HSL	313°, 11%, 75%
HSV	313°, 7%, 78%
XYZ	50.8660, 50.8256, 59.3539
YIQ	190.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

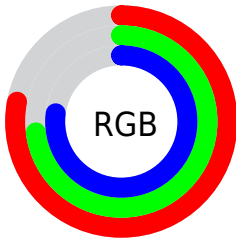
Format	Color
R _Y B	199, 185, 196
Decimal	13089220
CIE Lab	76.57, 6.92, -3.77
CIE LCh	77, 7.881, 331.432
Yxy	50.8256, 0.3158, 0.3156
Android (android.graphics.Color)	4291279300 (0xFFC7B9C4)
YUV	190.4400, 2.7411, 7.5071
Hunter-Lab	71.2921, 2.5964, 0.5428

Details

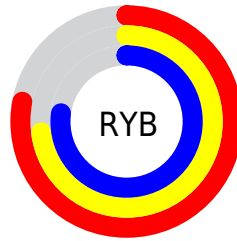
The XYZ color **50.8660, 50.8256, 59.3539** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5101, 54.7934, 55.5465**, and the grayscale version is **49.1812, 51.7425, 56.3476**.

A 20% lighter version of the original color is **90.4249, 91.2624, 105.7780**, and **24.8108, 24.4753, 29.0077** is the 20% darker color. If you saturate the color by 10%, you get **46.5127, 42.8844, 55.5417**, and if you desaturate by 10%, it is **55.8187, 59.9421, 63.4353**.

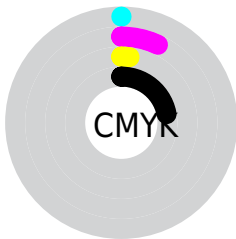
Distribution



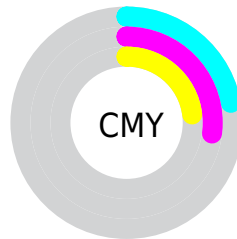
- Red (78%)
- Green (73%)
- Blue (77%)



- Red (78%)
- Yellow (73%)
- Blue (77%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (22%)



- Cyan (22%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8660, 50.8256, 59.3539 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 50.8660, 50.8256, 59.3539 by changing the saturation by 10% instead.

■ 50.8660, 50.8256,
59.3539

■ 50.8660, 50.8256,
59.3539

380.4392,
389.8858, 439.9505

■ 36.3226, 36.0698,
42.4762

■ 90.6408, 91.3969,
105.4260

■ 24.8547, 24.4881,
29.1460

116.6030,
117.9813, 135.4575

■ 16.0970, 15.6961,
18.9448

147.1021,
149.2773, 170.7107

■ 9.6841, 9.3094,
11.4540

182.5034,
185.6693, 211.6040

■ 5.2507, 4.9435,
6.2551

223.1725,
227.5418, 258.5562

■ 2.4313, 2.2142,
2.9295

269.4746,

■ 0.8608, 0.7277,

275.2791, 311.9856

1.0587

321.7750,
329.2657, 372.3109

■ 0.0000, 0.0000,
0.0000

■ 50.8660, 50.8256,
59.3539

■ 50.8660, 50.8256,
59.3539

■ 46.5127, 42.8844,
55.5417

■ 55.8187, 59.9421,
63.4353

■ 42.7303, 36.0637,
51.9867

■ 61.3892, 70.2726,
67.7906

■ 39.4943, 30.3141,
48.6809

■ 67.6005, 81.8623,
72.4288

■ 36.7769, 25.5802,
45.6143

■ 71.3319, 88.4696,
76.3100

■ 34.5477, 21.8013,
42.7764

■ 71.8809, 88.6892,
79.2008

■ 32.7730, 18.9103,
40.1552

■ 72.4442, 88.9146,
82.1671

■ 31.4150, 16.8316,
37.7376

■ 73.0219, 89.1457,
85.2096

■ 30.4292, 15.4766,
35.5081

■ 73.6143, 89.3826,
88.3288

■ 29.7557, 14.7257,
33.4462

■ 74.2213, 89.6254,
91.5252

Harmonies

Analogous

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



49.8164, 50.8256, 62.6341



50.8660, 50.8256, 59.3539



51.2266, 50.8256, 55.1358

Triad

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



50.8660, 50.8256, 59.3539



48.2367, 50.8256, 47.5431



45.9067, 50.8256, 59.7265

Complementary

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



50.8660, 50.8256, 59.3539



49.5101, 54.7934, 55.5465

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.



45.5028, 50.8256, 55.5456



50.8660, 50.8256, 59.3539



46.8308, 50.8256, 48.6362

Square

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



50.8660, 50.8256, 59.3539



49.6900, 50.8256, 48.4484



45.8376, 50.8256, 51.5121



46.9523, 50.8256, 62.8569

Rectangle

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



50.8660, 50.8256, 59.3539



51.0220, 50.8256, 52.3987



45.8376, 50.8256, 51.5121



45.6924, 50.8256, 58.3903

Sweetspot

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



50.8675, 50.8278, 59.3550



93.2690, 96.7189, 107.4405



48.3497, 49.4900, 61.0379



19.9821, 20.7362, 23.0121



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.



50.8675, 50.8278, 59.3550



88.1878, 87.3894, 103.1788



50.1110, 50.5252, 55.3714



10.9820, 10.7762, 12.8884



19.0559, 9.3719, 21.3018



0.9273, 0.4538, 1.1403

Inverse Universe

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



50.8675, 50.8278, 59.3550



88.1878, 87.3894, 103.1788



50.2605, 55.0936, 59.4978



10.9820, 10.7762, 12.8884



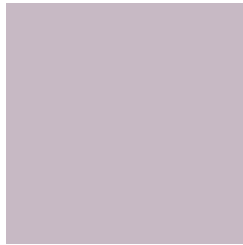
19.0559, 9.3719, 21.3018



0.9273, 0.4538, 1.1403

Previews

White Background



This preview shows how the XYZ color 50.8660, 50.8256, 59.3539 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 50.8660, 50.8256, 59.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

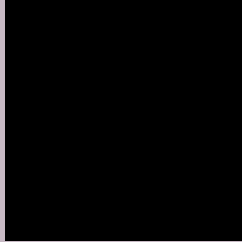
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8660, 50.8256, 59.3539

Background



This preview shows how black text looks on a background with the XYZ color 50.8660, 50.8256, 59.3539.



This preview shows how white text looks on a background with the XYZ color 50.8660, 50.8256,

59.3539.

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

50.8660, 50.8256, 59.3539

Protanopia

49.4115, 50.9908, 60.6640

Deuteranopia

51.7991, 50.6899, 59.2786



Tritanopia

51.2110, 50.9636, 61.1707

Trichromacy



Original Color

50.8660, 50.8256, 59.3539

Protanomaly

49.8407, 50.9093, 60.0229

Deuteranomaly

51.4614, 50.8231, 59.3221

Tritanomaly

51.0952, 50.9173, 60.5611

Monochromacy



Original Color

50.8660, 50.8256, 59.3539

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.4900, 51.1097, 57.1259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8660, 50.8256, 59.3539 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(199, 185, 196)` looks like.

```
.text, #text, p{  
    color:rgb(199, 185, 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(199, 185, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 185, 196) }
```

Border

The CSS property to change the border of an element to XYZ 50.8660, 50.8256, 59.3539 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(199, 185, 196) }
```


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

```
.border{ border-color:rgb(199, 185, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 185, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 185, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 185, 196);  
box-shadow:4px 4px 4px 4px rgb(199, 185,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8660, 50.8256, 59.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 185, 196) }
```

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

```
.background{ background-color: rgb(199,  
185, 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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