

Converting Colors

XYZ(50.0626, 53.0064, 59.3777)

Have a look what the booklet for
XYZ(50.0626, 53.0064, 59.3777)
contains.

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Color

**XYZ(49.9066, 52.8989,
59.2099)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC1C3
RGB	189, 193, 195
RGB Percent	74%, 76%, 76%
CMY	0.2588, 0.2431, 0.2353
CMYK	0.03, 0.01, 0.00, 0.24
HSL	200°, 5%, 75%
HSV	200°, 3%, 76%
XYZ	49.9066, 52.8989, 59.2099
YIQ	192.0320, -3.0260, -0.2260

Conversions

Conversions Part 2

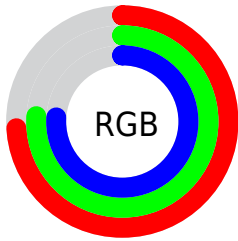
Format	Color
RYB	189, 191, 195
Decimal	12435907
CIELab	77.82, -1.00, -1.50
CIELCh	78, 1.799, 236.214
Yxy	52.8989, 0.3080, 0.3265
Android (android.graphics.Color)	4290625987 (0xFFBDC1C3)
YUV	192.0320, 1.4632, -2.6591
Hunter-Lab	72.7316, -4.7982, 2.6449

Details

The XYZ color **49.9066, 52.8989, 59.2099** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.3219, 52.5374, 55.6335**, and the grayscale version is **50.1159, 52.7258, 57.4184**.

A 20% lighter version of the original color is **89.1026, 94.1921, 105.5801**, and **24.3391, 25.9135, 28.9183** is the 20% darker color. If you saturate the color by 10%, you get **43.9880, 47.7659, 58.5319**, and if you desaturate by 10%, it is **56.5416, 58.4977, 59.9417**.

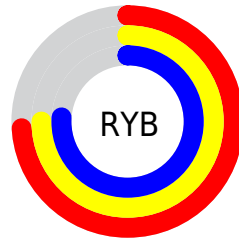
Distribution



Red (74%)

Green (76%)

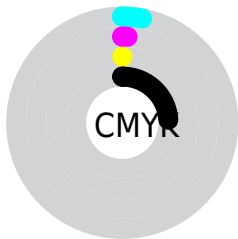
Blue (76%)



Red (74%)

Yellow (75%)

Blue (76%)

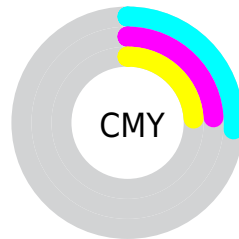


Cyan (3%)

Magenta (1%)

Yellow (0%)

Black (24%)



Cyan (26%)

Magenta (24%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.9066, 52.8989, 59.2099 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 49.9066, 52.8989, 59.2099 by changing the saturation by 10% instead.

■ 49.9066, 52.8989,
59.2099

■ 49.9066, 52.8989,
59.2099

376.7586,
397.8971, 439.4028

■ 35.5567, 37.7221,
42.3610

■ 89.2291, 94.4556,
105.2148

■ 24.2605, 25.7670,
29.0564

114.9324,
121.6042, 135.2079

■ 15.6528, 16.6494,
18.8775

145.1509,
153.5123, 170.4194

■ 9.3681, 9.9849,
11.4059

180.2500,
190.5641, 211.2679

■ 5.0411, 5.3889,
6.2230

220.5949,
233.1441, 258.1720

■ 2.3064, 2.4772,
2.9101

266.5511,

■ 0.7979, 0.8652,

281.6367, 311.5501

1.0489

318.4839,
336.4262, 371.8209

■ 0.0000, 0.0000,
0.0000

■ 49.9066, 52.8989,
59.2099

■ 49.9066, 52.8989,
59.2099

■ 43.9880, 47.7659,
58.5319

■ 56.5416, 58.4977,
59.9417

■ 38.7547, 43.0769,
57.9026

■ 63.9135, 64.5695,
60.7251

■ 34.1799, 38.8185,
57.3218

■ 72.0477, 71.1301,
61.5627

■ 30.2332, 34.9738,
56.7877

■ 76.4126, 75.8444,
62.2426

■ 26.8817, 31.5245,
56.2986

■ 78.1385, 79.2963,
62.8179

■ 24.0895, 28.4508,
55.8525

■ 79.9312, 82.8816,
63.4155

■ 21.8160, 25.7306,
55.4472

■ 81.7913, 86.6019,
64.0355

■ 20.0153, 23.3386,
55.0804

■ 83.7196, 90.4585,
64.6783

■ 18.6317, 21.2451,
54.7493

■ 85.7168, 94.4529,
65.3440

Harmonies

Analogous

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



49.6792, 52.8989, 58.4510



49.9066, 52.8989, 59.2099



50.2345, 52.8989, 59.5368

Triad

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



49.9066, 52.8989, 59.2099



50.9513, 52.8989, 57.7249



49.9830, 52.8989, 55.8910

Complementary

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



49.9066, 52.8989, 59.2099



50.3219, 52.5374, 55.6335

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.



50.3231, 52.8989, 55.7016



49.9066, 52.8989, 59.2099



50.8832, 52.8989, 56.7532

Square

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



49.9066, 52.8989, 59.2099



50.8386, 52.8989, 58.6732



50.6529, 52.8989, 56.0154



49.7232, 52.8989, 56.5359

Rectangle

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



49.9066, 52.8989, 59.2099



50.4664, 52.8989, 59.4630



50.6529, 52.8989, 56.0154



50.0917, 52.8989, 55.7723

Sweetspot

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



49.9081, 52.9012, 59.2111



91.7277, 96.7431, 106.3085



49.8952, 53.6071, 56.9508



20.1000, 21.1964, 23.2819



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.



49.9081, 52.9012, 59.2111



88.2843, 93.8030, 105.9225



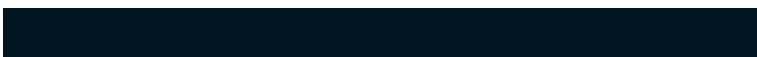
49.2726, 51.6301, 58.9992



10.6903, 11.3757, 12.9171



11.6791, 13.1147, 35.4725



0.5658, 0.6890, 1.5530

Inverse Universe

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



50.3301, 51.8486, 57.8098



89.2779, 91.3387, 102.6203



50.9613, 53.8162, 55.8466



10.8297, 11.0312, 12.4536



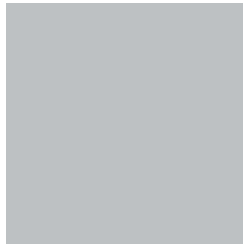
17.2910, 8.6062, 14.7106



0.7780, 0.3842, 0.7982

Previews

White Background



This preview shows how the XYZ color 49.9066, 52.8989, 59.2099 looks on a white background.

Color Contrast Check

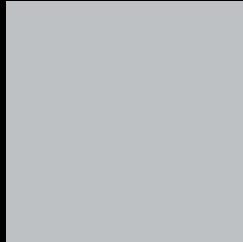
Large Text (above 18pt) WCAG AA × Fail

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 49.9066, 52.8989, 59.2099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

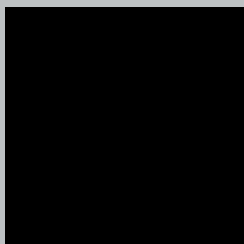
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

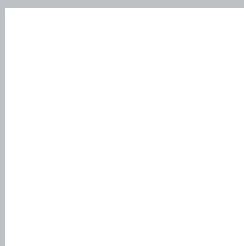
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.9066, 52.8989, 59.2099

Background



This preview shows how black text looks on a background with the XYZ color 49.9066, 52.8989, 59.2099.



This preview shows how white text looks on a background with the XYZ color 49.9066, 52.8989,

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

49.9066, 52.8989, 59.2099

Protanopia

50.8741, 52.7587, 58.5410

Deuteranopia

53.8172, 52.6586, 59.5522



Tritanopia

51.2572, 52.7942, 65.8813

Trichromacy



Original Color

49.9066, 52.8989, 59.2099

Protanomaly

50.5796, 52.9318, 58.5900

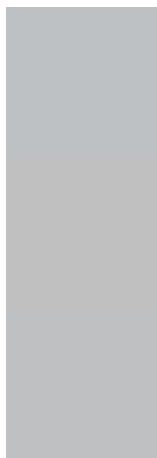
Deuteranomaly

52.5185, 52.9373, 59.6744

Tritanomaly

50.7455, 52.9107, 63.4153

Monochromacy



Original Color

49.9066, 52.8989, 59.2099

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.9611, 52.6259, 57.9767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9066, 52.8989, 59.2099 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(189, 193, 195) looks like.

```
.text, #text, p{  
    color:rgb(189, 193, 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(189, 193, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 193, 195) }
```

Border

The CSS property to change the border of an element to XYZ 49.9066, 52.8989, 59.2099 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(189, 193, 195) }
```


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

```
.border{ border-color:rgb(189, 193, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 193, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 193, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 193, 195);  
box-shadow:4px 4px 4px 4px rgb(189, 193,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9066, 52.8989, 59.2099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 193, 195) }
```

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

```
.background{ background-color: rgb(189,  
193, 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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