

Converting Colors

XYZ(50.0953, 52.7712, 58.0936)

Have a look what the booklet for
XYZ(50.0953, 52.7712, 58.0936)
contains.

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Color

**XYZ(49.9611, 52.6259,
57.9767)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC0C1
RGB	191, 192, 193
RGB Percent	75%, 75%, 76%
CMY	0.2510, 0.2470, 0.2431
CMYK	0.01, 0.01, 0.00, 0.24
HSL	210°, 2%, 75%
HSV	210°, 1%, 76%
XYZ	49.9611, 52.6259, 57.9767
YIQ	191.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

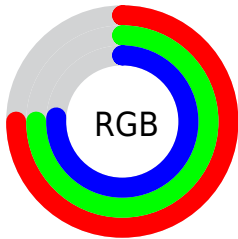
Format	Color
RYB	191, 192, 193
Decimal	12566721
CIELab	77.65, -0.16, -0.63
CIELCh	78, 0.652, 256.083
Yxy	52.6259, 0.3112, 0.3278
Android (android.graphics.Color)	4290756801 (0xFFBFC0C1)
YUV	191.8150, 0.5842, -0.7148
Hunter-Lab	72.5437, -4.0179, 3.3962

Details

The XYZ color **49.9611, 52.6259, 57.9767** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.2459, 52.7976, 56.8336**, and the grayscale version is **49.9934, 52.5969, 57.2780**.

A 20% lighter version of the original color is **89.0241, 93.7485, 103.0257**, and **24.4475, 25.7620, 28.4950** is the 20% darker color. If you saturate the color by 10%, you get **43.3809, 46.2021, 57.0844**, and if you desaturate by 10%, it is **57.3219, 59.6600, 58.9473**.

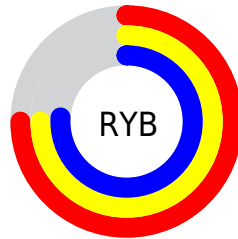
Distribution



Red (75%)

Green (75%)

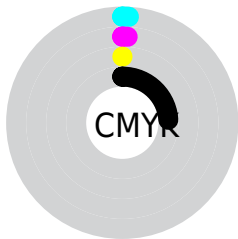
Blue (76%)



Red (75%)

Yellow (75%)

Blue (76%)

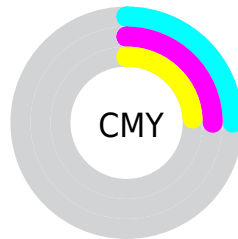


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (24%)



Cyan (25%)

Magenta (25%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.9611, 52.6259, 57.9767 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 49.9611, 52.6259, 57.9767 by changing the saturation by 10% instead.

■ 49.9611, 52.6259,
57.9767

■ 49.9611, 52.6259,
57.9767

376.9683,
396.8482, 434.6949

■ 35.6002, 37.5042,
41.3753

■ 89.3094, 94.0537,
103.4034

■ 24.2942, 25.5981,
28.2906

115.0275,
121.1285, 133.0658

■ 15.6779, 16.5232,
18.3039

145.2620,
152.9565, 167.9189

■ 9.3859, 9.8952,
10.9967

180.3783,
189.9222, 208.3814

■ 5.0529, 5.3295,
5.9505

220.7417,
232.4097, 254.8716

■ 2.3134, 2.4419,
2.7467

266.7176,

■ 0.8015, 0.8473,

280.8037, 307.8083

0.9668

318.6713,
335.4884, 367.6099

■ 0.0000, 0.0000,
0.0000

■ 49.9611, 52.6259,
57.9767

■ 49.9611, 52.6259,
57.9767

■ 43.3809, 46.2021,
57.0844

■ 57.3219, 59.6600,
58.9473

■ 37.5495, 40.3637,
56.2648

■ 65.4848, 67.3147,
59.9945

■ 32.4390, 35.0940,
55.5170

■ 74.4760, 75.6088,
61.1216

■ 28.0185, 30.3728,
54.8387

■ 79.2944, 81.9676,
62.0950

■ 24.2544, 26.1786,
54.2275

■ 82.0524, 87.4835,
63.0143

■ 21.1101, 22.4881,
53.6809

■ 84.9605, 93.2996,
63.9836

■ 18.5449, 19.2758,
53.1961

■ 86.6258, 96.6303,
64.5388

■ 16.5130, 16.5133,
52.7700

■ 14.9600, 14.1676,
52.3990

Harmonies

Analogous

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



49.8515, 52.6259, 57.8019



49.9611, 52.6259, 57.9767



50.0865, 52.6259, 57.9699

Triad

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



49.9611, 52.6259, 57.9767



50.2525, 52.6259, 57.1087



49.8450, 52.6259, 56.8208

Complementary

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



49.9611, 52.6259, 57.9767



50.2459, 52.7976, 56.8336

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.



49.9523, 52.6259, 56.6366



49.9611, 52.6259, 57.9767



50.1875, 52.6259, 56.8024

Square

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



49.9611, 52.6259, 57.9767



50.2548, 52.6259, 57.4677



50.0776, 52.6259, 56.6299



49.7846, 52.6259, 57.1340

Rectangle

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



49.9611, 52.6259, 57.9767



50.1621, 52.6259, 57.8632



50.0776, 52.6259, 56.6299



49.8768, 52.6259, 56.7418

Sweetspot

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



49.9626, 52.6282, 57.9778



90.7827, 95.5105, 104.0109



50.0673, 53.0214, 57.4459



19.4759, 20.4902, 22.3138



92.9021, 97.7402, 106.4391

Same Dimension

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



49.9626, 52.6282, 57.9778



89.5081, 94.2811, 103.8408



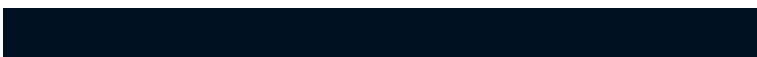
49.7502, 52.2035, 57.9071



11.1907, 11.7863, 12.9700



9.3150, 8.3864, 34.6844



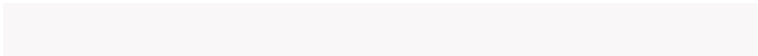
0.4714, 0.5002, 1.5216

Inverse Universe

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



50.1387, 52.4057, 57.3446



89.8171, 93.8906, 102.7293



50.4597, 53.2251, 56.9048



11.2263, 11.7413, 12.8419



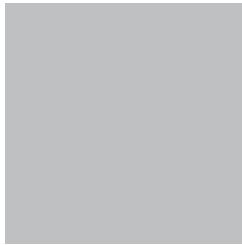
16.0977, 8.1288, 8.4267



0.7303, 0.3651, 0.5473

Previews

White Background



This preview shows how the XYZ color 49.9611, 52.6259, 57.9767 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 49.9611, 52.6259, 57.9767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

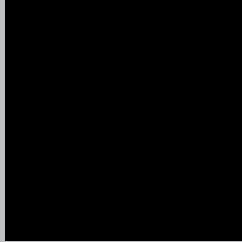
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

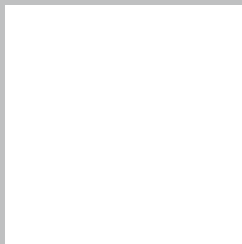
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.9611, 52.6259, 57.9767

Background



This preview shows how black text looks on a background with the XYZ color 49.9611, 52.6259, 57.9767.

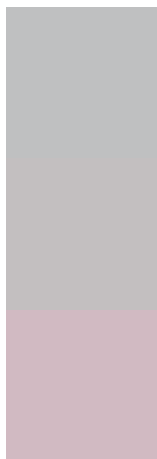


This preview shows how white text looks on a background with the XYZ color 49.9611, 52.6259,

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

49.9611, 52.6259, 57.9767

Protanopia

50.6509, 52.6695, 57.3658

Deuteranopia

53.5910, 52.5682, 58.3611



Tritanopia

51.4252, 52.5721, 65.1946

Trichromacy



Original Color

49.9611, 52.6259, 57.9767

Protanomaly

50.3934, 52.5367, 57.3538

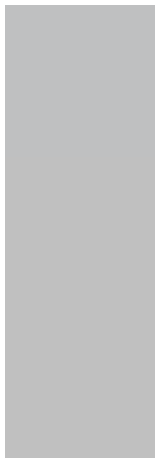
Deuteranomaly

52.0779, 52.4180, 58.4118

Tritanomaly

50.9116, 52.6851, 62.7443

Monochromacy



Original Color

49.9611, 52.6259, 57.9767

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.1023, 52.7115, 57.4028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9611, 52.6259, 57.9767 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(191, 192, 193)` looks like.

```
.text, #text, p{  
    color:rgb(191, 192, 193)  
}
```

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(191, 192, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 192, 193) }
```

Border

The CSS property to change the border of an element to XYZ 49.9611, 52.6259, 57.9767 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(191, 192, 193) }
```

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

```
.border{ border-color:rgb(191, 192, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 192, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 192, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 192, 193);  
box-shadow:4px 4px 4px 4px rgb(191, 192,  
193) }
```


Background

The CSS property to change the background color of an element to XYZ 49.9611, 52.6259, 57.9767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 192, 193) }
```

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

```
.background{ background-color: rgb(191,  
192, 193) }
```

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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