

Converting Colors

XYZ(52.8983, 55.2513, 59.7859)

Have a look what the booklet for
XYZ(52.8983, 55.2513, 59.7859)
contains.

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Color

**XYZ(52.6541, 54.9761,
59.4660)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C3C3
RGB	198, 195, 195
RGB Percent	78%, 76%, 76%
CMY	0.2235, 0.2353, 0.2353
CMYK	0.00, 0.02, 0.02, 0.22
HSL	0°, 3%, 77%
HSV	0°, 2%, 78%
XYZ	52.6541, 54.9761, 59.4660
YIQ	195.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

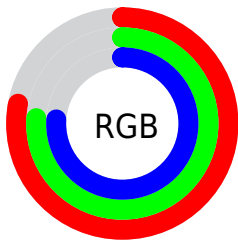
Format	Color
R_{YB}	198, 195, 195
Decimal	13026243
CIE Lab	79.03, 1.05, 0.36
CIE LCh	79, 1.105, 19.004
Yxy	54.9761, 0.3151, 0.3290
Android (android.graphics.Color)	4291216323 (0xFFC6C3C3)
YUV	195.8970, -0.4422, 1.8443
Hunter-Lab	74.1459, -2.9949, 4.3507

Details

The XYZ color **52.6541, 54.9761, 59.4660** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8927, 56.0666, 61.4610**, and the grayscale version is **52.4107, 55.1402, 60.0476**.

A 20% lighter version of the original color is **93.6211, 97.9091, 106.0594**, and **25.8342, 26.9021, 29.0303** is the 20% darker color. If you saturate the color by 10%, you get **46.4210, 45.8576, 47.0659**, and if you desaturate by 10%, it is **59.7742, 65.3919, 73.6277**.

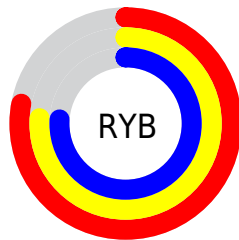
Distribution



Red (78%)

Green (76%)

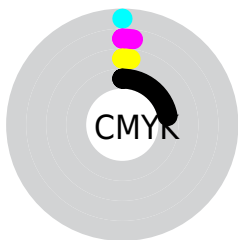
Blue (76%)



Red (78%)

Yellow (76%)

Blue (76%)

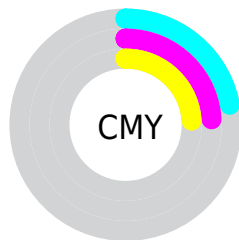


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6541, 54.9761, 59.4660 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 52.6541, 54.9761, 59.4660 by changing the saturation by 10% instead.

■ 52.6541, 54.9761,
59.4660

■ 52.6541, 54.9761,
59.4660

387.2392,
405.8213, 440.3765

■ 37.7531, 39.3826,
42.5659

■ 93.2637, 97.5059,
105.5904

■ 25.9674, 27.0575,
29.2158

119.7030,
125.2111, 135.6518

■ 16.9318, 17.6164,
18.9971

150.7191,
157.7222, 170.9373

■ 10.2809, 10.6749,
11.4914

186.6774,
195.4236, 211.8656

■ 5.6493, 5.8487,
6.2801

227.9432,
238.6999, 258.8551

■ 2.6716, 2.7533,
2.9446

274.8819,

■ 0.9826, 1.0043,

287.9353, 312.3244

1.0664

327.8588,
343.5144, 372.6920

■ 0.0000, 0.0000,
0.0000

■ 52.6541, 54.9761,
59.4660

■ 52.6541, 54.9761,
59.4660

■ 46.4210, 45.8576,
47.0659

■ 59.7742, 65.3919,
73.6277

■ 41.0356, 37.9789,
36.3551

■ 67.8091, 77.1456,
89.6124

■ 36.4628, 31.2886,
27.2616

■ 76.7914, 90.2847,
107.4829

■ 32.6632, 25.7291,
19.7070

■ 77.0990, 90.7459,
108.0599

■ 29.5941, 21.2379,
13.6061

■ 27.2085, 17.7466,
8.8655

■ 25.4543, 15.1788,
5.3811

■ 24.2717, 13.4469,
3.0338

■ 23.5892, 12.4470,
1.6814

Harmonies

Analogous

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



52.6695, 54.9761, 60.0910



52.6541, 54.9761, 59.4660



52.5311, 54.9761, 58.9499

Triad

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



52.6541, 54.9761, 59.4660



51.9345, 54.9761, 59.0684



52.1725, 54.9761, 61.0567

Complementary

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



52.6541, 54.9761, 59.4660



52.8927, 56.0666, 61.4610

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.



51.9761, 54.9761, 60.7786



52.6541, 54.9761, 59.4660



51.8390, 54.9761, 59.6289

Square

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



52.6541, 54.9761, 59.4660



52.1155, 54.9761, 58.7215



51.8542, 54.9761, 60.2550



52.3910, 54.9761, 61.0124

Rectangle

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



52.6541, 54.9761, 59.4660



52.4048, 54.9761, 58.7357



51.8542, 54.9761, 60.2550



52.1017, 54.9761, 60.9978

Sweetspot

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



52.6557, 54.9785, 59.4672

95.0500, 100.0000, 108.9000



52.9976, 55.1140, 61.2716



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



52.6557, 54.9785, 59.4672



92.6360, 96.4686, 104.0982



52.9927, 55.6525, 59.5795



11.6918, 12.1850, 13.1580



15.1473, 7.8118, 0.7095



0.7176, 0.3706, 0.0337

Inverse Universe

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



52.8927, 56.0666, 61.4610



93.1966, 99.0418, 108.8127



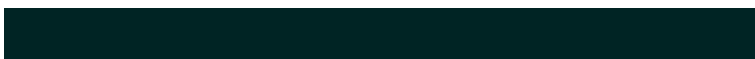
52.5524, 55.3859, 61.3475



11.7571, 12.4850, 13.7077



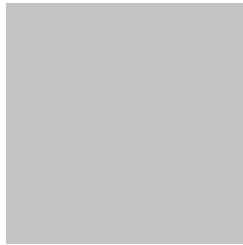
19.7279, 28.8497, 39.2731



0.9345, 1.3667, 1.8597

Previews

White Background



This preview shows how the XYZ color 52.6541, 54.9761, 59.4660 looks on a white background.

Color Contrast Check

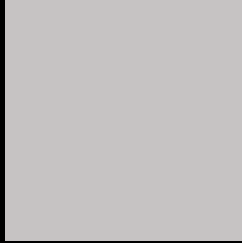
Large Text (above 18pt) WCAG AA × Fail

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 52.6541, 54.9761, 59.4660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

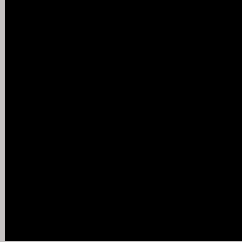
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

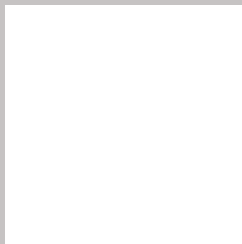
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6541, 54.9761, 59.4660

Background



This preview shows how black text looks on a background with the XYZ color 52.6541, 54.9761, 59.4660.



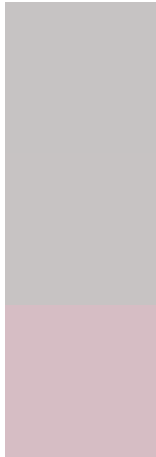
This preview shows how white text looks on a background with the XYZ color 52.6541, 54.9761,

59.4660.

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

52.6541, 54.9761, 59.4660

Protanopia

52.9186, 55.1125, 59.4784

Deuteranopia

55.8930, 54.6769, 59.8324



Tritanopia

54.2745, 54.9734, 67.4249

Trichromacy



Original Color

52.6541, 54.9761, 59.4660

Protanomaly

52.9186, 55.1125, 59.4784

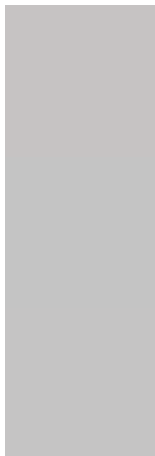
Deuteranomaly

54.6070, 54.6570, 59.8963

Tritanomaly

53.6245, 55.0375, 64.2969

Monochromacy



Original Color

52.6541, 54.9761, 59.4660

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.7297, 55.3357, 60.1263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6541, 54.9761, 59.4660 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, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(198, 195, 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(198, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 195, 195) }
```

Border

The CSS property to change the border of an element to XYZ 52.6541, 54.9761, 59.4660 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, 195, 195) }
```

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

```
.border{ border-color:rgb(198, 195, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(198, 195,  
195) }
```


Background

The CSS property to change the background color of an element to XYZ 52.6541, 54.9761, 59.4660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 195, 195) }
```

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

```
.background{ background-color: rgb(198,  
195, 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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