

Converting Colors

XYZ(52.4491, 53.8124, 58.0065)

Have a look what the booklet for
XYZ(52.4491, 53.8124, 58.0065)
contains.

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Color

**XYZ(52.5627, 53.9670,
58.0984)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C0C1
RGB	201, 192, 193
RGB Percent	79%, 75%, 76%
CMY	0.2118, 0.2470, 0.2431
CMYK	0.00, 0.04, 0.04, 0.21
HSL	353°, 8%, 77%
HSV	353°, 4%, 79%
XYZ	52.5627, 53.9670, 58.0984
YIQ	194.8050, 5.0430, 2.2190

Conversions

Conversions Part 2

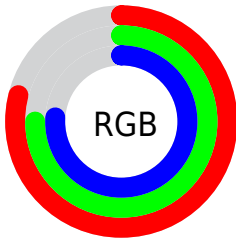
Format	Color
R_{YB}	201, 192, 193
Decimal	13222081
CIE Lab	78.44, 3.33, 0.61
CIE LCh	78, 3.385, 10.455
Yxy	53.9670, 0.3193, 0.3278
Android (android.graphics.Color)	4291412161 (0xFFC9C0C1)
YUV	194.8050, -0.8899, 5.4330
Hunter-Lab	73.4622, -0.8410, 4.5334

Details

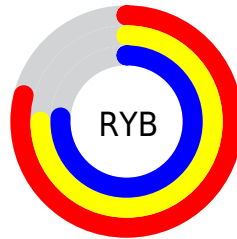
The XYZ color **52.5627, 53.9670, 58.0984** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0523, 57.1514, 62.8816**, and the grayscale version is **51.7600, 54.4556, 59.3021**.

A 20% lighter version of the original color is **91.9063, 95.2344, 103.1606**, and **25.9989, 26.5617, 28.5676** is the 20% darker color. If you saturate the color by 10%, you get **46.5726, 44.9866, 46.8520**, and if you desaturate by 10%, it is **59.3996, 64.2540, 70.8173**.

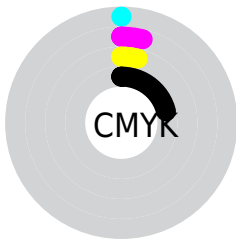
Distribution



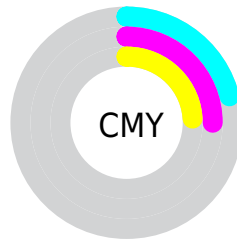
- Red (79%)
- Green (75%)
- Blue (76%)



- Red (79%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (21%)



- Cyan (21%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5627, 53.9670, 58.0984 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 52.5627, 53.9670, 58.0984 by changing the saturation by 10% instead.

■ 52.5627, 53.9670,
58.0984

■ 52.5627, 53.9670,
58.0984

386.8935,
401.9842, 435.1610

■ 37.6799, 38.5753,
41.4725

■ 93.1299, 96.0258,
103.5823

■ 25.9104, 26.4295,
28.3660

119.5450,
123.4617, 133.2775

■ 16.8890, 17.1452,
18.3603

150.5348,
155.6810, 168.1661

■ 10.2502, 10.3381,
11.0369

186.4649,
193.0683, 208.6668

■ 5.6287, 5.6237,
5.9772

227.7004,
236.0078, 255.1981

■ 2.6591, 2.6176,
2.7626

274.6067,

■ 0.9762, 0.9355,

284.8841, 308.1786

0.9747

327.5493,
340.0814, 368.0267

■ 0.0000, 0.0000,
0.0000

■ 52.5627, 53.9670,
58.0984

■ 52.5627, 53.9670,
58.0984

■ 46.5726, 44.9866,
46.8520

■ 59.3996, 64.2540,
70.8173

■ 41.3919, 37.2538,
37.0215

■ 67.1098, 75.8895,
85.0555

■ 36.9871, 30.7154,
28.5516

■ 75.7242, 88.9223,
100.8624

■ 33.3208, 25.3118,
21.3824

■ 77.8978, 91.1577,
108.0973

■ 30.3522, 20.9784,
15.4491

■ 28.0369, 17.6438,
10.6816

■ 26.3249, 15.2280,
7.0027

■ 25.1591, 13.6388,
4.3257

■ 24.4713, 12.7645,
2.5506

Harmonies

Analogous

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



52.5094, 53.9670, 59.9955



52.5627, 53.9670, 58.0984



52.2739, 53.9670, 56.4150

Triad

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



52.5627, 53.9670, 58.0984



50.4682, 53.9670, 56.0162



50.8671, 53.9670, 62.2825

Complementary

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



52.5627, 53.9670, 58.0984



53.0523, 57.1514, 62.8816

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.



50.3265, 53.9670, 61.1709



52.5627, 53.9670, 58.0984



50.0976, 53.9670, 57.5434

Square

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



52.5627, 53.9670, 58.0984



51.0622, 53.9670, 55.2302



50.0459, 53.9670, 59.4284



51.5266, 53.9670, 62.4389

Rectangle

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



52.5627, 53.9670, 58.0984



51.9276, 53.9670, 55.6300



50.0459, 53.9670, 59.4284



50.6656, 53.9670, 62.0071

Sweetspot

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



52.5642, 53.9693, 58.0996



93.8789, 98.2386, 106.7192



53.2000, 54.1912, 62.9152



20.1063, 21.0457, 22.8653



0.0000, 0.0000, 0.0000



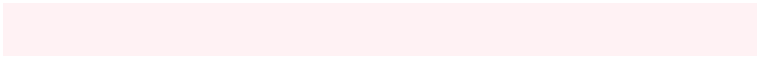
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5642, 53.9693, 58.0996



89.3445, 91.4244, 98.2572



53.2196, 55.4574, 57.7713



11.1786, 11.4026, 12.2353



15.2551, 7.8516, 1.2872



0.7388, 0.3784, 0.1477

Inverse Universe

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



52.5642, 53.9693, 58.0996



89.3445, 91.4244, 98.2572



52.3742, 55.6081, 63.2322



11.1786, 11.4026, 12.2353



15.2551, 7.8516, 1.2872



0.7388, 0.3784, 0.1477

Previews

White Background



This preview shows how the XYZ color 52.5627, 53.9670, 58.0984 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 52.5627, 53.9670, 58.0984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

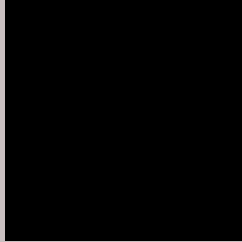
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

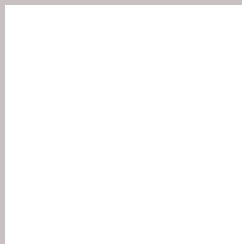
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5627, 53.9670, 58.0984

Background



This preview shows how black text looks on a background with the XYZ color 52.5627, 53.9670, 58.0984.

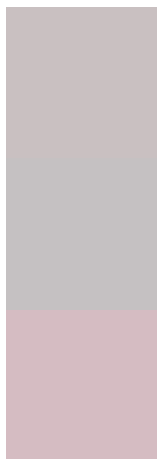


This preview shows how white text looks on a background with the XYZ color 52.5627, 53.9670,

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

52.5627, 53.9670, 58.0984

Protanopia

51.8335, 53.9053, 58.7118

Deuteranopia

55.1614, 54.0076, 58.5561



Tritanopia

54.0615, 53.9312, 65.3180

Trichromacy



Original Color

52.5627, 53.9670, 58.0984

Protanomaly

52.0963, 54.0407, 58.7241

Deuteranomaly

54.2297, 53.8455, 58.5740

Tritanomaly

53.5305, 54.0352, 62.8668

Monochromacy



Original Color

52.5627, 53.9670, 58.0984

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.0553, 54.3489, 58.7857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5627, 53.9670, 58.0984 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(201, 192, 193) looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 192, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 192, 193) }
```

Border

The CSS property to change the border of an element to XYZ 52.5627, 53.9670, 58.0984 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(201, 192, 193) }
```


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

```
.border{ border-color:rgb(201, 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(201, 192, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 192, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 192, 193);  
box-shadow:4px 4px 4px 4px rgb(201, 192,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5627, 53.9670, 58.0984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 192, 193) }
```

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

```
.background{ background-color: rgb(201,  
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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