

# Converting Colors

XYZ(54.4711, 56.8681, 61.8501)

Have a look what the booklet for  
XYZ(54.4711, 56.8681, 61.8501)  
contains.

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# **Color**

**XYZ(54.5903, 56.9292,  
62.1440)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9C6C7
RGB	201, 198, 199
RGB Percent	79%, 78%, 78%
CMY	0.2118, 0.2235, 0.2196
CMYK	0.00, 0.01, 0.01, 0.21
HSL	340°, 3%, 78%
HSV	340°, 1%, 79%
XYZ	54.5903, 56.9292, 62.1440
YIQ	199.0110, 1.4670, 0.9470

# Conversions

## Conversions Part 2

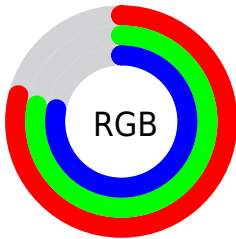
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 198, 199
Decimal	13223623
CIE Lab	80.14, 1.22, -0.14
CIE LCh	80, 1.232, 353.450
Yxy	56.9292, 0.3143, 0.3278
Android (android.graphics.Color)	4291413703 (0xFFC9C6C7)
YUV	199.0110, -0.0054, 1.7444
Hunter-Lab	75.4514, -2.8925, 3.9830

# Details

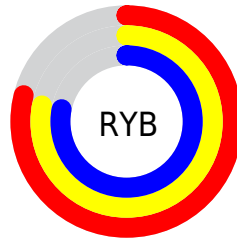
The XYZ color **54.5903, 56.9292, 62.1440** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6028, 57.9507, 62.9543**, and the grayscale version is **54.2936, 57.1211, 62.2049**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.1167, 28.1939, 30.8008** is the 20% darker color. If you saturate the color by 10%, you get **48.8081, 47.7481, 52.8675**, and if you desaturate by 10%, it is **61.1228, 67.3895, 72.3496**.

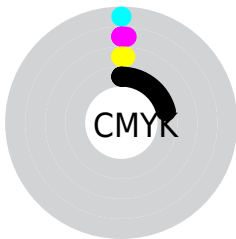
# Distribution



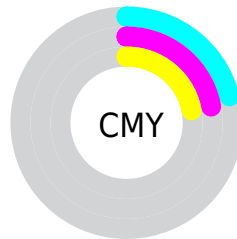
- Red (79%)
- Green (78%)
- Blue (78%)



- Red (79%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (21%)



- Cyan (21%)
- Magenta (22%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5903, 56.9292, 62.1440 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 54.5903, 56.9292, 62.1440 by changing the saturation by 10% instead.



■ 54.5903, 56.9292,  
62.1440

■ 54.5903, 56.9292,  
62.1440

394.5187,  
413.1840, 450.4783

■ 39.3063, 40.9484,  
44.7125

96.0922, 100.3619,  
109.5072

■ 27.1799, 28.2788,  
30.8898

123.0409,  
128.5825, 140.2761

■ 17.8457, 18.5359,  
20.2572

154.6086,  
161.6519, 176.3278

■ 10.9383, 11.3354,  
12.3962

191.1606,  
199.9545, 218.0809

■ 6.0923, 6.2929,  
6.8883

233.0622,  
243.8746, 265.9540

■ 2.9425, 3.0240,  
3.3149

280.6789,

■ 1.1234, 1.1443,

293.7966, 320.3655

1.2576

334.3760,  
350.1049, 381.7341

■ 0.0446, 0.0155,  
0.0267

■ 0.0000, 0.0000,  
0.0000

■ 54.5903, 56.9292,  
62.1440

■ 54.5903, 56.9292,  
62.1440

■ 48.8081, 47.7481,  
52.8675

■ 61.1228, 67.3895,  
72.3496

■ 43.7440, 39.7899,  
44.4898

■ 68.4266, 79.1681,  
83.5061

■ 39.3705, 33.0046,  
36.9843

■ 75.4646, 90.1844,  
95.2844

■ 35.6566, 27.3363,  
30.3219

■ 77.5241, 91.0082,  
106.1294

■ 32.5687, 22.7244,  
24.4714

■ 77.8978, 91.1577,  
108.0973

■ 30.0702, 19.1022,  
19.3998

■ 28.1204, 16.3959,  
15.0714

■ 26.6732, 14.5206,  
11.4475

■ 25.6742, 13.3756,  
8.4849

# Harmonies

## Analogous

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



54.4981, 56.9292, 62.8129



54.5903, 56.9292, 62.1440



54.5534, 56.9292, 61.4379

# Triad

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



54.5903, 56.9292, 62.1440



53.9177, 56.9292, 60.7270



53.8226, 56.9292, 63.1030

# Complementary

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



54.5903, 56.9292, 62.1440



54.6028, 57.9507, 62.9543

# 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.



53.6680, 56.9292, 62.5378



54.5903, 56.9292, 62.1440



53.7228, 56.9292, 61.1669

# Square

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



54.5903, 56.9292, 62.1440



54.1646, 56.9292, 60.6234



53.6315, 56.9292, 61.8287



54.0545, 56.9292, 63.3693



# Rectangle

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



54.5903, 56.9292, 62.1440



54.4606, 56.9292, 61.0407



53.6315, 56.9292, 61.8287



53.7599, 56.9292, 62.9415

# Sweetspot

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



54.5919, 56.9317, 62.1452

95.0500, 100.0000, 108.9000



54.5581, 56.8872, 63.3640



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.



54.5919, 56.9317, 62.1452



92.9013, 96.5718, 105.5039



54.5909, 57.1142, 61.5759



11.7227, 12.1971, 13.3220



15.8175, 8.0766, 4.2488



0.7827, 0.3959, 0.3789



# Inverse Universe

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



54.5919, 56.9317, 62.1452



92.9013, 96.5718, 105.5039



54.6035, 57.7650, 63.5311



11.7227, 12.1971, 13.3220



15.8175, 8.0766, 4.2488

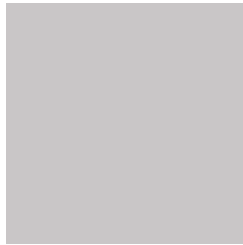


0.7827, 0.3959, 0.3789



# Previews

## White Background



This preview shows how the XYZ color 54.5903, 56.9292, 62.1440 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 54.5903, 56.9292, 62.1440 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

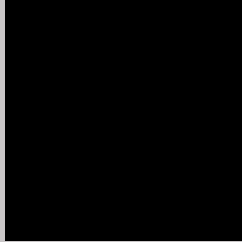
Any Text WCAG AAA ✓ Pass

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



# XYZ 54.5903, 56.9292, 62.1440

## Background



This preview shows how black text looks on a background with the XYZ color 54.5903, 56.9292, 62.1440.



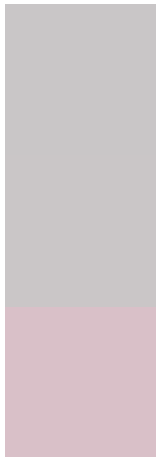
This preview shows how white text looks on a background with the XYZ color 54.5903, 56.9292,



# 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

54.5903, 56.9292, 62.1440

### Protanopia

54.8600, 57.0682, 62.1567

### Deuteranopia

57.8902, 56.6211, 62.5214



## Tritanopia

56.2522, 56.9298, 70.3111

# Trichromacy



## Original Color

54.5903, 56.9292, 62.1440

## Protanomaly

54.8600, 57.0682, 62.1567

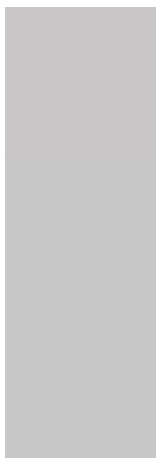
## Deuteranomaly

56.5811, 56.6026, 62.5868

## Tritanomaly

55.5859, 56.9941, 67.1027

# Monochromacy



## Original Color

54.5903, 56.9292, 62.1440

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

54.5516, 57.2497, 62.2080

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.5903, 56.9292, 62.1440 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, 198, 199) looks like.

```
.text, #text, p{  
    color:rgb(201, 198, 199)  
}
```

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, 198, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 198, 199) }
```

## Border

The CSS property to change the border of an element to XYZ 54.5903, 56.9292, 62.1440 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, 198, 199) }
```

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

```
.border{ border-color:rgb(201, 198, 199) }
```

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

Here you see how a box with a 4 pixel rgb(201, 198, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 198, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 198, 199);  
box-shadow:4px 4px 4px 4px rgb(201, 198,  
199) }
```



# Background

The CSS property to change the background color of an element to XYZ 54.5903, 56.9292, 62.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 198, 199) }
```

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

```
.background{ background-color: rgb(201,  
198, 199) }
```

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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