

# Converting Colors

XYZ(52.7922, 59.1779, 51.8468)

Have a look what the booklet for  
XYZ(52.7922, 59.1779, 51.8468)  
contains.

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# Color

**XYZ(52.5577, 58.9072,  
51.7802)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2CEB4
RGB	194, 206, 180
RGB Percent	76%, 81%, 71%
CMY	0.2392, 0.1921, 0.2941
CMYK	0.06, 0.00, 0.13, 0.19
HSL	88°, 21%, 76%
HSV	88°, 13%, 81%
XYZ	52.5577, 58.9072, 51.7802
YIQ	199.4480, 1.1940, -10.6300

# Conversions

## Conversions Part 2

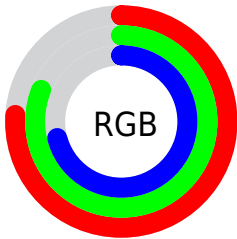
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 206, 192
Decimal	12766900
CIELab	81.24, -8.74, 11.55
CIELCh	81, 14.484, 127.140
Yxy	58.9072, 0.3220, 0.3609
Android (android.graphics.Color)	4290956980 (0xFFC2CEB4)
YUV	199.4480, -9.5879, -4.7779
Hunter-Lab	76.7510, -12.0808, 13.7256

# Details

The XYZ color **52.5577, 58.9072, 51.7802** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.2023, 48.3068, 65.1264**, and the grayscale version is **54.6183, 57.4627, 62.5769**.

A 20% lighter version of the original color is **90.6840, 98.0854, 93.5097**, and **25.8742, 29.5642, 24.4214** is the 20% darker color. If you saturate the color by 10%, you get **48.2505, 56.9132, 41.4260**, and if you desaturate by 10%, it is **57.3363, 61.1116, 63.7871**.

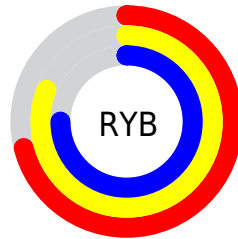
# Distribution



Red (76%)

Green (81%)

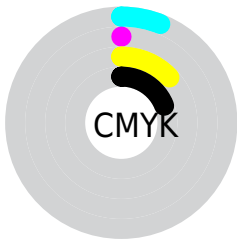
Blue (71%)



Red (71%)

Yellow (81%)

Blue (75%)

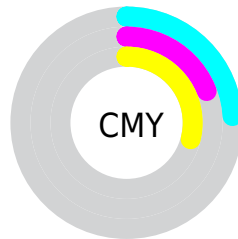


Cyan (6%)

Magenta (0%)

Yellow (13%)

Black (19%)



Cyan (24%)

Magenta (19%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5577, 58.9072, 51.7802 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 52.5577, 58.9072, 51.7802 by changing the saturation by 10% instead.



■ 52.5577, 58.9072,  
51.7802

■ 52.5577, 58.9072,  
51.7802

386.8746,  
420.5579, 410.5202

■ 37.6759, 42.5384,  
36.4489

■ 93.1226, 103.2428,  
94.2303

■ 25.9073, 29.5231,  
24.4886

119.5363,  
131.9784, 122.1861

■ 16.8866, 19.4769,  
15.4809

150.5248,  
165.6050, 155.1872

■ 10.2485, 12.0154,  
9.0073

186.4532,  
204.5071, 193.6521

■ 5.6275, 6.7542,  
4.6490

227.6871,  
249.0691, 237.9993

■ 2.6584, 3.3088,  
1.9877

274.5917,

■ 0.9758, 1.2950,

299.6752, 288.6473

0.5477

327.5324,  
356.7101, 346.0148

■ 0.0000, 0.1373,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 52.5577, 58.9072,  
51.7802

■ 52.5577, 58.9072,  
51.7802

■ 48.2505, 56.9132,  
41.4260

■ 57.3363, 61.1116,  
63.7871

■ 44.3933, 55.1150,  
32.6483

■ 62.5971, 63.5253,  
77.5107

■ 40.9699, 53.5078,  
25.3707

■ 68.3567, 66.1573,  
93.0163

■ 37.9613, 52.0834,  
19.5088

■ 73.4140, 68.5273,  
103.9655

■ 35.3468, 50.8333,  
14.9699

■ 76.5858, 70.1624,  
104.1139

■ 33.1034, 49.7480,  
11.6503

■ 79.9272, 71.8850,  
104.2703

■ 31.2050, 48.8165,  
9.4308

■ 81.3624, 72.6249,  
104.3375

■ 29.6211, 48.0262,  
8.1682

■ 28.6166, 47.5185,  
7.6637

# Harmonies

## Analogous

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



55.2712, 58.9072, 49.0192



52.5577, 58.9072, 51.7802



50.8096, 58.9072, 57.8964

# Triad

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



52.5577, 58.9072, 51.7802



53.7648, 58.9072, 80.7091



61.9486, 58.9072, 62.0959

# Complementary

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



52.5577, 58.9072, 51.7802



49.2023, 48.3068, 65.1264

# 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.



61.5101, 58.9072, 70.8169



52.5577, 58.9072, 51.7802



56.7141, 58.9072, 82.0884

# Square

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



52.5577, 58.9072, 51.7802



51.4888, 58.9072, 74.7090



59.5676, 58.9072, 78.3248



60.7451, 58.9072, 54.6179



# Rectangle

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



52.5577, 58.9072, 51.7802



50.3902, 58.9072, 63.3140



59.5676, 58.9072, 78.3248



61.9890, 58.9072, 64.9730

# Sweetspot

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



52.5593, 58.9098, 51.7815



91.7398, 98.4782, 100.3992



52.4778, 53.9869, 50.8356



19.5059, 21.0185, 21.1583



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.



52.5593, 58.9098, 51.7815



83.2916, 94.5804, 79.3412



49.4378, 57.3005, 51.6354



11.6353, 12.8294, 11.9425



17.7334, 29.3172, 4.7241



1.0018, 1.5573, 0.2478



# Inverse Universe

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



49.2023, 48.3068, 65.1264



76.8639, 74.2783, 104.8937



52.5582, 50.0368, 65.2835



11.0857, 11.0935, 14.1273



9.8815, 4.3016, 36.2658



0.5970, 0.2669, 1.8750



# Previews

## White Background



This preview shows how the XYZ color 52.5577, 58.9072, 51.7802 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

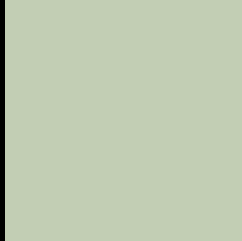
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 52.5577, 58.9072, 51.7802 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

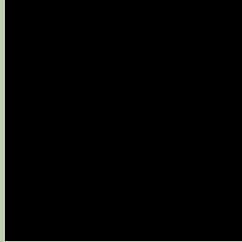
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

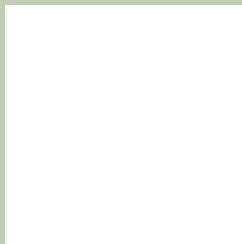
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 52.5577, 58.9072, 51.7802

## Background



This preview shows how black text looks on a background with the XYZ color 52.5577, 58.9072, 51.7802.



This preview shows how white text looks on a background with the XYZ color 52.5577, 58.9072,



# 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

52.5577, 58.9072, 51.7802

### Protanopia

55.6864, 58.7965, 50.0088

### Deuteranopia

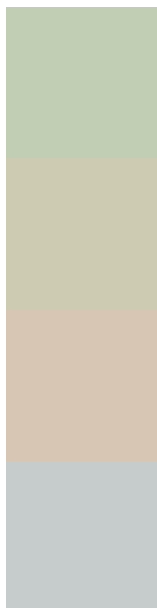
59.7302, 58.4550, 52.3908



## Tritanopia

57.2304, 59.0624, 74.0295

# Trichromacy



## Original Color

52.5577, 58.9072, 51.7802

## Protanomaly

54.5687, 58.9054, 50.6133

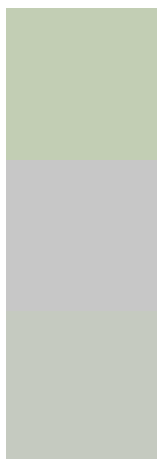
## Deuteranomaly

56.8535, 58.3233, 51.9771

## Tritanomaly

55.5437, 59.0773, 65.6023

# Monochromacy



## Original Color

52.5577, 58.9072, 51.7802

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

53.6609, 57.9171, 58.2201

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 52.5577, 58.9072, 51.7802 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(194, 206, 180)` looks like.

```
.text, #text, p{  
    color:rgb(194, 206, 180)  
}
```

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(194, 206, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 206, 180) }
```

## Border

The CSS property to change the border of an element to XYZ 52.5577, 58.9072, 51.7802 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(194, 206, 180) }
```



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

```
.border{ border-color:rgb(194, 206, 180) }
```

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

Here you see how a box with a 4 pixel rgb(194, 206, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 206, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 206, 180);  
box-shadow:4px 4px 4px 4px rgb(194, 206,  
180) }
```

# Background

The CSS property to change the background color of an element to XYZ 52.5577, 58.9072, 51.7802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 206, 180) }
```

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

```
.background{ background-color: rgb(194,  
206, 180) }
```

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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