

# Converting Colors

XYZ(53.6742, 54.6373, 57.5576)

Have a look what the booklet for  
XYZ(53.6742, 54.6373, 57.5576)  
contains.

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# **Color**

**XYZ(53.5409, 54.4842,  
57.5638)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDC0C0
RGB	205, 192, 192
RGB Percent	80%, 75%, 75%
CMY	0.1961, 0.2470, 0.2471
CMYK	0.00, 0.06, 0.06, 0.20
HSL	0°, 12%, 78%
HSV	0°, 6%, 80%
XYZ	53.5409, 54.4842, 57.5638
YIQ	195.8870, 7.7480, 2.7560

# Conversions

## Conversions Part 2

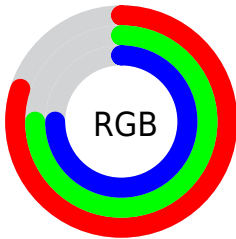
Format	Color
R <sub>Y</sub> B	205, 192, 192
Decimal	13484224
CIE Lab	78.74, 4.56, 1.63
CIE LCh	79, 4.846, 19.679
Yxy	54.4842, 0.3233, 0.3290
Android (android.graphics.Color)	4291674304 (0xFFCDC0C0)
YUV	195.8870, -1.9163, 7.9921
Hunter-Lab	73.8134, 0.3023, 5.4318

# Details

The XYZ color **53.5409, 54.4842, 57.5638** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5889, 59.2759, 66.3225**, and the grayscale version is **52.4108, 55.1402, 60.0477**.

A 20% lighter version of the original color is **91.7507, 95.1721, 102.3412**, and **26.6553, 26.9086, 28.2151** is the 20% darker color. If you saturate the color by 10%, you get **47.2352, 45.2578, 45.0252**, and if you desaturate by 10%, it is **60.7927, 65.0952, 71.9801**.

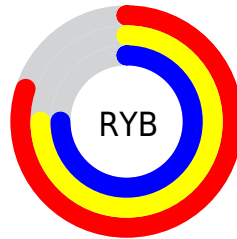
# Distribution



Red (80%)

Green (75%)

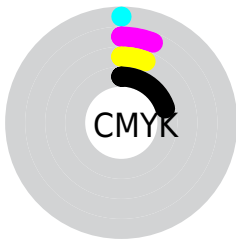
Blue (75%)



Red (80%)

Yellow (75%)

Blue (75%)

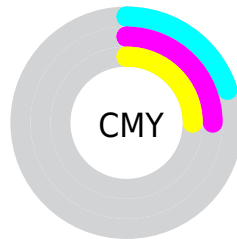


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (20%)



Cyan (20%)

Magenta (25%)


Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5409, 54.4842, 57.5638 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 53.5409, 54.4842, 57.5638 by changing the saturation by 10% instead.





 53.5409, 54.4842,  
57.5638

 53.5409, 54.4842,  
57.5638


390.5839,  
403.9537, 433.1114

 38.4640, 38.9889,  
41.0457


 94.5607, 96.7848,  
102.7959

 26.5218, 26.7511,  
28.0348


121.2342,  
124.3589, 132.3469

 17.3491, 17.3864,  
18.1126


152.5040,  
156.7281, 167.0794

 10.5806, 10.5104,  
10.8606

188.7353,  
194.2767, 207.4117

 5.8508, 5.7386,  
5.8602

230.2937,  
237.3892, 253.7626

 2.7943, 2.6868,  
2.6928

277.5443,

 1.0460, 0.9705,

286.4500, 306.5504

0.9398

330.8526,  
341.8433, 366.1939

■ 0.0000, 0.0000,  
0.0000

■ 53.5409, 54.4842,  
57.5638

■ 53.5409, 54.4842,  
57.5638

■ 47.2352, 45.2578,  
45.0252

■ 60.7927, 65.0952,  
71.9801

■ 41.8323, 37.3521,  
34.2835

■ 69.0225, 77.1369,  
88.3431

■ 37.2923, 30.7089,  
25.2578

■ 78.2665, 90.6625,  
106.7226

■ 33.5705, 25.2628,  
17.8590

■ 78.9871, 91.7193,  
108.1483

■ 30.6183, 20.9427,  
11.9904

■ 28.3818, 17.6699,  
7.5451

■ 26.8003, 15.3555,  
4.4022

■ 25.8031, 13.8960,  
2.4209

■ 25.3002, 13.1597,  
1.4220

# Harmonies

## Analogous

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



53.6205, 54.4842, 60.2750



53.5409, 54.4842, 57.5638



52.9877, 54.4842, 55.3890

# Triad

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



53.5409, 54.4842, 57.5638



50.3927, 54.4842, 55.9729



51.4560, 54.4842, 64.6713

# Complementary

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



53.5409, 54.4842, 57.5638



54.5889, 59.2759, 66.3225

# 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.



50.6019, 54.4842, 63.4412



53.5409, 54.4842, 57.5638



49.9930, 54.4842, 58.3831

# Square

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



53.5409, 54.4842, 57.5638



51.1673, 54.4842, 54.4903



50.0691, 54.4842, 61.1198



52.4089, 54.4842, 64.4355



# Rectangle

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



53.5409, 54.4842, 57.5638



52.4285, 54.4842, 54.5094



50.0691, 54.4842, 61.1198



51.1480, 54.4842, 64.4141

# Sweetspot

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



53.5424, 54.4866, 57.5650



92.6346, 96.4658, 104.0977



55.0466, 55.0870, 65.4898



19.8529, 20.6847, 22.3315



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

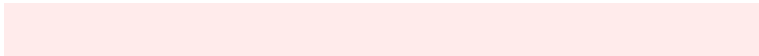


# Same Dimension

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



53.5424, 54.4866, 57.5650



85.7732, 86.4261, 90.4558



55.0005, 57.4028, 58.0510



11.2126, 11.2142, 11.6530



15.6740, 8.0810, 0.7337



0.8087, 0.4171, 0.0379



# Inverse Universe

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



54.5889, 59.2759, 66.3225



87.9372, 96.3306, 108.5666



53.0670, 56.2322, 65.8152



11.5430, 12.7265, 14.4185



20.4426, 29.9091, 40.6519

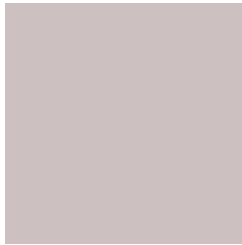


1.0547, 1.5432, 2.0972



# Previews

## White Background



This preview shows how the XYZ color 53.5409, 54.4842, 57.5638 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 53.5409, 54.4842, 57.5638 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

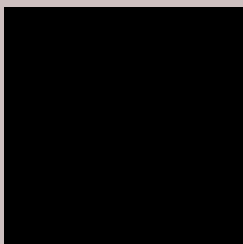
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

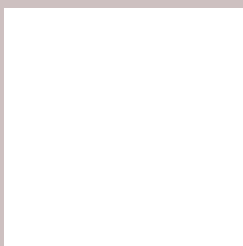
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 53.5409, 54.4842, 57.5638**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.5409, 54.4842, 57.5638.



This preview shows how white text looks on a background with the XYZ color 53.5409, 54.4842,



# 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

53.5409, 54.4842, 57.5638

### Protanopia

52.4706, 54.5759, 58.2208

### Deuteranopia

55.5548, 54.5416, 58.0516



## **Tritanopia**

55.1650, 54.5001, 65.3697

# Trichromacy



## Original Color

53.5409, 54.4842, 57.5638

## Protanomaly

52.7830, 54.4077, 58.1718

## Deuteranomaly

54.9031, 54.5261, 58.0830

## Tritanomaly

54.5097, 54.5535, 62.3005

# Monochromacy



## Original Color

53.5409, 54.4842, 57.5638

## Achromatopsia

52.4687, 55.2011, 60.1140

## Achromatomaly

52.9186, 55.1125, 59.4784

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.5409, 54.4842, 57.5638 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(205, 192, 192)` looks like.

```
.text, #text, p{  
    color:rgb(205, 192, 192)  
}
```

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(205, 192, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 192, 192) }
```

## Border

The CSS property to change the border of an element to XYZ 53.5409, 54.4842, 57.5638 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(205, 192, 192) }
```



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

```
.border{ border-color:rgb(205, 192, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 192, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 192, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 192, 192);  
box-shadow:4px 4px 4px 4px rgb(205, 192,  
192) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.5409, 54.4842, 57.5638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 192, 192) }
```

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

```
.background{ background-color: rgb(205,  
192, 192) }
```

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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