

# Converting Colors

XYZ(54.0967, 53.5176, 58.5832)

Have a look what the booklet for  
XYZ(54.0967, 53.5176, 58.5832)  
contains.

<b>XYZ(54.0153, 53.4168, 58.5025)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**XYZ(54.0153, 53.4168,  
58.5025)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D1BCC2
RGB	209, 188, 194
RGB Percent	82%, 74%, 76%
CMY	0.1804, 0.2627, 0.2392
CMYK	0.00, 0.10, 0.07, 0.18
HSL	343°, 19%, 78%
HSV	343°, 10%, 82%
XYZ	54.0153, 53.4168, 58.5025
YIQ	194.9630, 10.5900, 6.3180

# Conversions

## Conversions Part 2

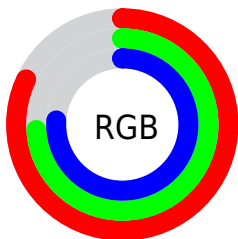
Format	Color
R <sub>Y</sub> B	209, 188, 194
Decimal	13745346
CIE Lab	78.12, 8.46, -0.32
CIE LCh	78, 8.469, 357.860
Yxy	53.4168, 0.3255, 0.3219
Android (android.graphics.Color)	4291935426 (0xFFD1BCC2)
YUV	194.9630, -0.4748, 12.3104
Hunter-Lab	73.0868, 4.0198, 3.7019

# Details

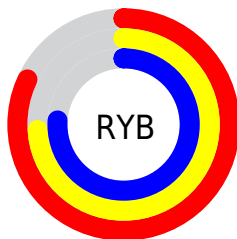
The XYZ color **54.0153, 53.4168, 58.5025** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3210, 60.6054, 65.3378**, and the grayscale version is **51.8493, 54.5495, 59.4044**.

A 20% lighter version of the original color is **90.8460, 92.8635, 103.5788**, and **26.7240, 26.0914, 28.4386** is the 20% darker color. If you saturate the color by 10%, you get **48.2765, 44.4889, 48.7278**, and if you desaturate by 10%, it is **60.5722, 63.7099, 69.3825**.

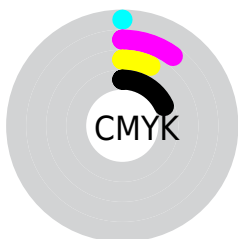
# Distribution



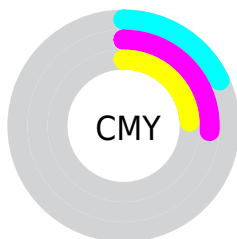
- Red (82%)
- Green (74%)
- Blue (76%)



- Red (82%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (18%)




- Cyan (18%)
- Magenta (26%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0153, 53.4168, 58.5025 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 54.0153, 53.4168, 58.5025 by changing the saturation by 10% instead.





 54.0153, 53.4168,  
58.5025

 54.0153, 53.4168,  
58.5025


392.3658,  
399.8822, 436.7062

 38.8446, 38.1356,  
41.7954


 95.2535, 95.2174,  
104.1763

 26.8190, 26.0880,  
28.6167


122.0517,  
122.5056, 133.9800

 17.5733, 16.8894,  
18.5480


153.4564,  
154.5649, 168.9863

 10.7419, 10.1557,  
11.1706

189.8330,  
191.7798, 209.6138

 5.9595, 5.5023,  
6.0661

231.5470,  
234.5345, 256.2810

 2.8609, 2.5449,  
2.8159

278.9635,

 1.0806, 0.8990,

283.2136, 309.4064

1.0014

332.4479,  
338.2013, 369.4087

■ 0.0088, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.0153, 53.4168,  
58.5025

■ 54.0153, 53.4168,  
58.5025

■ 48.2765, 44.4889,  
48.7278

■ 60.5722, 63.7099,  
69.3825

■ 43.3187, 36.8618,  
40.0197

■ 67.9735, 75.4152,  
81.3981

■ 39.1084, 30.4765,  
32.3421

■ 76.2496, 88.5857,  
94.5825

■ 35.6083, 25.2667,  
25.6557

■ 79.9003, 92.2137,  
107.1239

■ 32.7773, 21.1597,  
19.9184

■ 80.1048, 92.2954,  
108.2006

■ 30.5702, 18.0747,  
15.0848

■ 28.9358, 15.9199,  
11.1056

■ 27.8141, 14.5865,  
7.9260

■ 27.1022, 13.8784,  
5.4824

# Harmonies

## Analogous

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



53.5114, 53.4168, 63.1421



54.0153, 53.4168, 58.5025



53.6344, 53.4168, 54.0092

# Triad

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



54.0153, 53.4168, 58.5025



49.2996, 53.4168, 50.4767



49.0982, 53.4168, 66.2185

# Complementary

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



54.0153, 53.4168, 58.5025



54.3210, 60.6054, 65.3378

# 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.



48.0115, 53.4168, 62.5220



54.0153, 53.4168, 58.5025



48.1260, 53.4168, 53.4506

# Square

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



54.0153, 53.4168, 58.5025



50.8899, 53.4168, 49.5281



47.6594, 53.4168, 57.8225



50.6524, 53.4168, 67.7448



# Rectangle

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



54.0153, 53.4168, 58.5025



52.9345, 53.4168, 51.6673



47.6594, 53.4168, 57.8225



48.6674, 53.4168, 65.1790

# Sweetspot

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



54.0168, 53.4191, 58.5036



91.7903, 94.8688, 103.5341



54.0406, 53.2268, 67.7478



19.4648, 20.0196, 21.8595



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.



54.0168, 53.4191, 58.5036



82.7312, 80.6777, 88.4070



54.2669, 54.9755, 55.3310



11.9456, 11.8630, 12.9892



16.7472, 8.5717, 3.5752



0.9707, 0.4930, 0.3808



# Inverse Universe

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



54.0168, 53.4191, 58.5036



82.7312, 80.6777, 88.4070



54.0329, 58.8634, 68.8361



11.9456, 11.8630, 12.9892



16.7472, 8.5717, 3.5752



0.9707, 0.4930, 0.3808



# Previews

## White Background



This preview shows how the XYZ color 54.0153, 53.4168, 58.5025 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

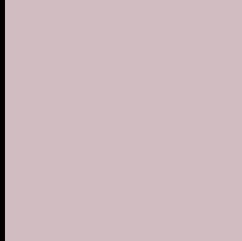
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.0153, 53.4168, 58.5025 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

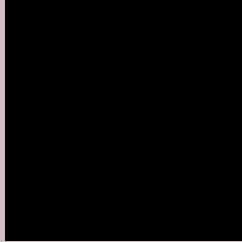
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 54.0153, 53.4168, 58.5025

## Background



This preview shows how black text looks on a background with the XYZ color 54.0153, 53.4168, 58.5025.



This preview shows how white text looks on a background with the XYZ color 54.0153, 53.4168,



# 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

54.0153, 53.4168, 58.5025

### Protanopia

51.5784, 53.4206, 59.8173

### Deuteranopia

54.3719, 53.2846, 58.4582



## Tritanopia

54.8913, 53.4593, 62.6839

# Trichromacy



## Original Color

54.0153, 53.4168, 58.5025

## Protanomaly

52.5685, 53.6192, 59.2086

## Deuteranomaly

54.0863, 53.1373, 58.4448

## Tritanomaly

54.5417, 53.3195, 60.8431

# Monochromacy



## Original Color

54.0153, 53.4168, 58.5025

## Achromatopsia

51.8711, 54.5724, 59.4294

## Achromatomaly

52.5194, 53.9188, 59.2691

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.0153, 53.4168, 58.5025 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(209, 188, 194) looks like.

```
.text, #text, p{  
    color:rgb(209, 188, 194)  
}
```

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(209, 188, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 188, 194) }
```

## Border

The CSS property to change the border of an element to XYZ 54.0153, 53.4168, 58.5025 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(209, 188, 194) }
```



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

```
.border{ border-color:rgb(209, 188, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 188, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 188, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 188, 194);  
box-shadow:4px 4px 4px 4px rgb(209, 188,  
194) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.0153, 53.4168, 58.5025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 188, 194) }
```

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

```
.background{ background-color: rgb(209,  
188, 194) }
```

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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