

# Converting Colors

XYZ(54.0671, 50.9604, 54.4865)

Have a look what the booklet for  
XYZ(54.0671, 50.9604, 54.4865)  
contains.

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# Color

**XYZ(54.0136, 51.0251,  
54.5789)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9B4BC
RGB	217, 180, 188
RGB Percent	85%, 71%, 74%
CMY	0.1490, 0.2941, 0.2627
CMYK	0.00, 0.17, 0.13, 0.15
HSL	347°, 33%, 78%
HSV	347°, 17%, 85%
XYZ	54.0136, 51.0251, 54.5789
YIQ	191.9750, 19.4840, 10.3320

# Conversions

## Conversions Part 2

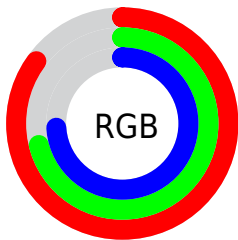
Format	Color
R <sub>Y</sub> B	217, 180, 188
Decimal	14267580
CIE Lab	76.69, 14.61, 0.94
CIE LCh	77, 14.637, 3.698
Yxy	51.0251, 0.3384, 0.3197
Android (android.graphics.Color)	4292457660 (0xFFD9B4BC)
YUV	191.9750, -1.9597, 21.9469
Hunter-Lab	71.4319, 9.9680, 4.7006

# Details

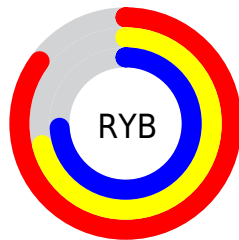
The XYZ color **54.0136, 51.0251, 54.5789** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.1459, 63.9337, 69.7587**, and the grayscale version is **50.0927, 52.7014, 57.3918**.

A 20% lighter version of the original color is **87.5646, 87.7826, 97.9165**, and **26.8628, 24.6094, 26.2559** is the 20% darker color. If you saturate the color by 10%, you get **48.2443, 42.2498, 44.1359**, and if you desaturate by 10%, it is **60.6877, 61.2631, 66.3911**.

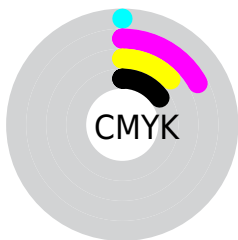
# Distribution



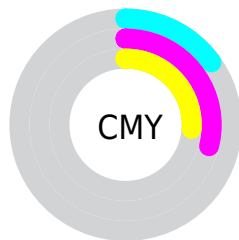
- Red (85%)
- Green (71%)
- Blue (74%)



- Red (85%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (15%)




- Cyan (15%)
- Magenta (29%)
- Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0136, 51.0251, 54.5789 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 54.0136, 51.0251, 54.5789 by changing the saturation by 10% instead.





 54.0136, 51.0251,  
54.5789

 54.0136, 51.0251,  
54.5789


392.3594,  
390.6613, 421.5506

 38.8432, 36.2286,  
38.6684

 95.2510, 91.6919,  
98.3887

 26.8180, 24.6108,  
26.1960


122.0487,  
118.3309, 127.1250

 17.5724, 15.7873,  
16.7432


153.4530,  
149.6863, 160.9736

 10.7413, 9.3738,  
9.8916

189.8291,  
186.1423, 200.3531

 5.9592, 4.9858,  
5.2225

231.5425,  
228.0834, 245.6820

 2.8607, 2.2389,  
2.3174

278.9584,

 1.0805, 0.7411,

275.8940, 297.3788

0.7409

332.4422,  
329.9585, 355.8622

■ 0.0087, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.0136, 51.0251,  
54.5789

■ 54.0136, 51.0251,  
54.5789

■ 48.2443, 42.2498,  
44.1359

■ 60.6877, 61.2631,  
66.3911

■ 43.3363, 34.8636,  
35.0089

■ 68.2993, 73.0192,  
79.6165

■ 39.2487, 28.7970,  
27.1458

■ 76.8844, 86.3544,  
94.3014

■ 35.9356, 23.9717,  
20.4899

■ 82.4255, 93.4918,  
108.3092

■ 33.3467, 20.3011,  
14.9800

■ 31.4251, 17.6873,  
10.5493

■ 30.1052, 16.0161,  
7.1237

■ 29.3030, 15.1381,  
4.6170

■ 29.1265, 14.9562,  
4.0305

# Harmonies

## Analogous

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



53.4347, 51.0251, 62.5997



54.0136, 51.0251, 54.5789



53.0688, 51.0251, 47.5115

# Triad

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



54.0136, 51.0251, 54.5789



45.6003, 51.0251, 43.8008



46.1742, 51.0251, 70.3965

# Complementary

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



54.0136, 51.0251, 54.5789



55.1459, 63.9337, 69.7587

# 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.



44.1972, 51.0251, 64.4645



54.0136, 51.0251, 54.5789



43.8748, 51.0251, 49.0646

# Square

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



54.0136, 51.0251, 54.5789



48.1549, 51.0251, 41.6744



43.3710, 51.0251, 56.5481



48.8424, 51.0251, 72.2254



# Rectangle

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



54.0136, 51.0251, 54.5789



51.7224, 51.0251, 44.1412



43.3710, 51.0251, 56.5481



45.4102, 51.0251, 68.7901

# Sweetspot

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



54.0150, 51.0274, 54.5800



89.5489, 91.5061, 99.3334



55.1371, 51.2076, 72.6241



19.0077, 19.3403, 20.9827



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.



54.0150, 51.0274, 54.5800



75.1015, 69.3532, 73.7334



55.3734, 55.0857, 50.8970



13.1706, 13.0974, 14.1599



17.6636, 9.0665, 2.6088



1.1766, 0.6003, 0.3387



# Inverse Universe

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



54.0150, 51.0274, 54.5800



75.1015, 69.3532, 73.7334



53.5445, 59.1065, 74.2327



13.1706, 13.0974, 14.1599



17.6636, 9.0665, 2.6088

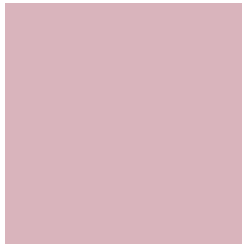


1.1766, 0.6003, 0.3387



# Previews

## White Background



This preview shows how the XYZ color 54.0136, 51.0251, 54.5789 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

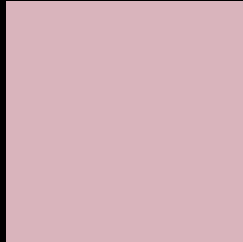
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.0136, 51.0251, 54.5789 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

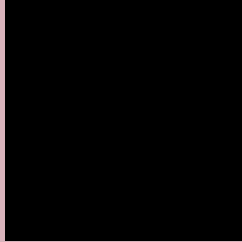
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 54.0136, 51.0251, 54.5789**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.0136, 51.0251, 54.5789.



This preview shows how white text looks on a background with the XYZ color 54.0136, 51.0251,



# 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

54.0136, 51.0251, 54.5789

### Protanopia

49.3471, 51.0232, 57.6997

### Deuteranopia

51.9156, 50.8647, 54.0953



## Tritanopia

54.6592, 50.9959, 57.4144

# Trichromacy



## Original Color

54.0136, 51.0251, 54.5789

## Protanomaly

50.8403, 50.8770, 56.4309

## Deuteranomaly

52.5616, 50.8926, 54.0667

## Tritanomaly

54.4375, 50.9072, 56.2471

# Monochromacy



## Original Color

54.0136, 51.0251, 54.5789

## Achromatopsia

50.1023, 52.7115, 57.4028

## Achromatomaly

51.4746, 52.1455, 56.6423

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.0136, 51.0251, 54.5789 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(217, 180, 188)` looks like.

```
.text, #text, p{  
    color:rgb(217, 180, 188)  
}
```

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(217, 180, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 180, 188) }
```

## Border

The CSS property to change the border of an element to XYZ 54.0136, 51.0251, 54.5789 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(217, 180, 188) }
```



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

```
.border{ border-color:rgb(217, 180, 188) }
```

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

Here you see how a box with a 4 pixel rgb(217, 180, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 180, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 180, 188);  
box-shadow:4px 4px 4px 4px rgb(217, 180,  
188) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.0136, 51.0251, 54.5789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 180, 188) }
```

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

```
.background{ background-color: rgb(217,  
180, 188) }
```

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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