

# Converting Colors

XYZ(56.5097, 52.4766, 51.1877)

Have a look what the booklet for  
XYZ(56.5097, 52.4766, 51.1877)  
contains.

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# Color

**XYZ(56.4433, 52.3508,  
51.3858)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3B4B6
RGB	227, 180, 182
RGB Percent	89%, 71%, 71%
CMY	0.1098, 0.2941, 0.2863
CMYK	0.00, 0.21, 0.20, 0.11
HSL	357°, 46%, 80%
HSV	357°, 21%, 89%
XYZ	56.4433, 52.3508, 51.3858
YIQ	194.2810, 27.3700, 10.5860

# Conversions

## Conversions Part 2

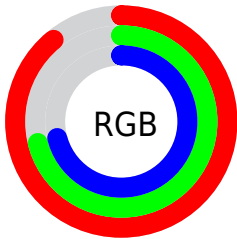
Format	Color
R <sub>Y</sub> B	227, 180, 182
Decimal	14922934
CIE Lab	77.49, 17.29, 5.48
CIE LCh	77, 18.141, 17.572
Yxy	52.3508, 0.3524, 0.3268
Android (android.graphics.Color)	4293113014 (0xFFE3B4B6)
YUV	194.2810, -6.0545, 28.6946
Hunter-Lab	72.3539, 12.6288, 8.5399

# Details

The XYZ color **56.4433, 52.3508, 51.3858** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.8842, 70.0789, 81.6080**, and the grayscale version is **51.4692, 54.1496, 58.9689**.

A 20% lighter version of the original color is **86.6681, 87.4240, 93.1955**, and **28.3464, 25.4216, 24.1817** is the 20% darker color. If you saturate the color by 10%, you get **50.1559, 43.0958, 39.0543**, and if you desaturate by 10%, it is **63.8328, 63.2510, 65.8060**.

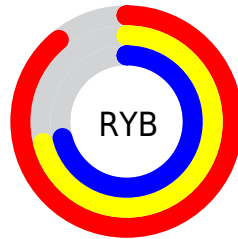
# Distribution



Red (89%)

Green (71%)

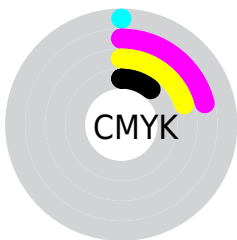
Blue (71%)



Red (89%)

Yellow (71%)

Blue (71%)

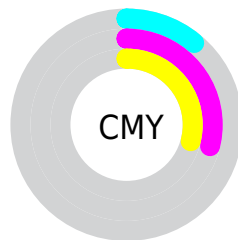


Cyan (0%)

Magenta (21%)

Yellow (20%)

Black (11%)



Cyan (11%)

Magenta (29%)


Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4433, 52.3508, 51.3858 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 56.4433, 52.3508, 51.3858 by changing the saturation by 10% instead.





 56.4433, 52.3508,  
51.3858

 56.4433, 52.3508,  
51.3858


401.4080,  
395.7894, 408.9501

 40.7968, 37.2848,  
36.1369

 98.7885, 93.6484,  
93.6421

 28.3473, 25.4281,  
24.2494


126.2179,  
120.6487, 121.4866

 18.7295, 16.3963,  
15.3048


158.3058,  
152.3960, 154.3667

 11.5778, 9.8050,  
8.8846

195.4173,  
189.2745, 192.7009

 6.5270, 5.2698,  
4.5702

237.9180,  
231.6687, 236.9079

 3.2118, 2.4064,  
1.9431

286.1730,

 1.2667, 0.8292,

279.9630, 287.4060

0.5199

340.5479,  
334.5418, 344.6139

■ 0.1581, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 56.4433, 52.3508,  
51.3858

■ 56.4433, 52.3508,  
51.3858

■ 50.1559, 43.0958,  
39.0543

■ 63.8328, 63.2510,  
65.8060

■ 44.9136, 35.3994,  
28.7117

■ 72.3690, 75.8631,  
82.4020

■ 40.6612, 29.1779,  
20.2548

■ 82.0995, 90.2591,  
101.2599

■ 37.3364, 24.3372,  
13.5698

■ 85.4887, 95.0710,  
108.4525

■ 34.8699, 20.7720,  
8.5308

■ 33.1827, 18.3621,  
4.9953

■ 32.1813, 16.9642,  
2.7965

■ 31.7315, 16.3521,  
1.7607

# Harmonies

## Analogous

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



56.6133, 52.3508, 61.2441



56.4433, 52.3508, 51.3858



54.4308, 52.3508, 43.9426

# Triad

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



56.4433, 52.3508, 51.3858



44.9605, 52.3508, 44.9776



48.3256, 52.3508, 77.9375

# Complementary

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



56.4433, 52.3508, 51.3858



59.8842, 70.0789, 81.6080

# 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.



45.3604, 52.3508, 72.4199



56.4433, 52.3508, 51.3858



43.4795, 52.3508, 52.9588

# Square

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



56.4433, 52.3508, 51.3858



47.7564, 52.3508, 40.5515



43.6223, 52.3508, 63.0113



51.8144, 52.3508, 77.3880



# Rectangle

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



56.4433, 52.3508, 51.3858



52.3660, 52.3508, 40.9975



43.6223, 52.3508, 63.0113



47.2378, 52.3508, 76.7063

# Sweetspot

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



56.4447, 52.3532, 51.3869



88.0920, 89.7158, 95.3847



61.1302, 54.1423, 79.9021



18.7004, 18.9740, 20.1150



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.



56.4447, 52.3532, 51.3869



69.6582, 62.5239, 59.4107



60.8399, 61.4713, 51.8415



14.4017, 14.3779, 15.0496



18.5166, 9.5408, 1.0833



1.3771, 0.7086, 0.1264



# Inverse Universe

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



56.4447, 52.3532, 51.3869



69.6582, 62.5239, 59.4107



54.7248, 59.3218, 81.2394



14.4017, 14.3779, 15.0496



18.5166, 9.5408, 1.0833

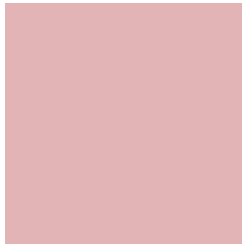


1.3771, 0.7086, 0.1264



# Previews

## White Background



This preview shows how the XYZ color 56.4433, 52.3508, 51.3858 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

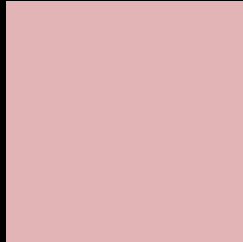
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 56.4433, 52.3508, 51.3858 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 56.4433, 52.3508, 51.3858**

## **Background**



This preview shows how black text looks on a background with the XYZ color 56.4433, 52.3508, 51.3858.



This preview shows how white text looks on a background with the XYZ color 56.4433, 52.3508,



# 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

56.4433, 52.3508, 51.3858

### Protanopia

50.4729, 52.6282, 55.0750

### Deuteranopia

53.4210, 52.3303, 51.0012



## Tritanopia

57.4297, 52.1405, 56.9064

# Trichromacy



## Original Color

56.4433, 52.3508, 51.3858

## Protanomaly

52.3654, 52.3512, 53.7992

## Deuteranomaly

54.4874, 52.2632, 50.9321

## Tritanomaly

57.1921, 52.3650, 54.6701

# Monochromacy



## Original Color

56.4433, 52.3508, 51.3858

## Achromatopsia

51.2775, 53.9479, 58.7493

## Achromatomaly

52.9455, 53.2347, 56.2000

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 56.4433, 52.3508, 51.3858 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(227, 180, 182)` looks like.

```
.text, #text, p{  
    color:rgb(227, 180, 182)  
}
```

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(227, 180, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 180, 182) }
```

## Border

The CSS property to change the border of an element to XYZ 56.4433, 52.3508, 51.3858 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(227, 180, 182) }
```



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

```
.border{ border-color:rgb(227, 180, 182) }
```

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

Here you see how a box with a 4 pixel rgb(227, 180, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 180, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 180, 182);  
box-shadow:4px 4px 4px 4px rgb(227, 180,  
182) }
```

# Background

The CSS property to change the background color of an element to XYZ 56.4433, 52.3508, 51.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 180, 182) }
```

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

```
.background{ background-color: rgb(227,  
180, 182) }
```

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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