

# Converting Colors

XYZ(56.3183, 51.3355, 57.6619)

Have a look what the booklet for  
XYZ(56.3183, 51.3355, 57.6619)  
contains.

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# Color

**XYZ(56.0882, 51.1418,  
57.3673)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0B1C1
RGB	224, 177, 193
RGB Percent	88%, 69%, 76%
CMY	0.1216, 0.3059, 0.2431
CMYK	0.00, 0.21, 0.14, 0.12
HSL	340°, 43%, 79%
HSV	340°, 21%, 88%
XYZ	56.0882, 51.1418, 57.3673
YIQ	192.8770, 22.8760, 14.9400

# Conversions

## Conversions Part 2

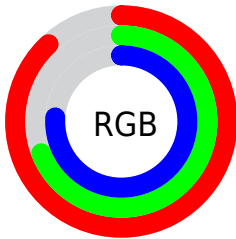
Format	Color
R <sub>Y</sub> B	224, 177, 193
Decimal	14725569
CIE Lab	76.76, 19.54, -1.59
CIE LCh	77, 19.603, 355.333
Yxy	51.1418, 0.3408, 0.3107
Android (android.graphics.Color)	4292915649 (0xFFE0B1C1)
YUV	192.8770, 0.0606, 27.2949
Hunter-Lab	71.5135, 14.8493, 2.4977

# Details

The XYZ color **56.0882, 51.1418, 57.3673** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.1743, 67.2137, 69.6904**, and the grayscale version is **50.6077, 53.2433, 57.9819**.

A 20% lighter version of the original color is **87.4778, 86.3774, 101.6845**, and **28.0897, 24.6336, 28.0852** is the 20% darker color. If you saturate the color by 10%, you get **50.4550, 42.3823, 47.7597**, and if you desaturate by 10%, it is **62.6152, 61.4242, 68.0866**.

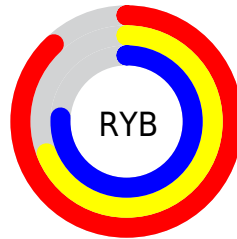
# Distribution



Red (88%)

Green (69%)

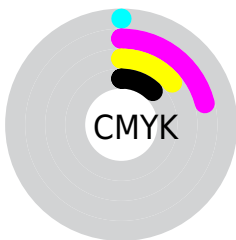
Blue (76%)



Red (88%)

Yellow (69%)

Blue (76%)

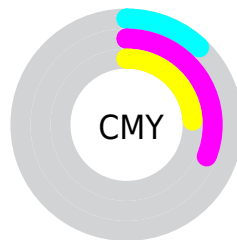


Cyan (0%)

Magenta (21%)

Yellow (14%)

Black (12%)



Cyan (12%)

Magenta (31%)


Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0882, 51.1418, 57.3673 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 56.0882, 51.1418, 57.3673 by changing the saturation by 10% instead.





 56.0882, 51.1418,  
57.3673

 56.0882, 51.1418,  
57.3673


400.0934,  
391.1145, 432.3564

 40.5109, 36.3215,  
40.8889

 98.2726, 91.8643,  
102.5066

 28.1231, 24.6826,  
27.9132


125.6104,  
118.5353, 132.0045

 18.5594, 15.8407,  
18.0218


157.5991,  
149.9254, 166.6794

 11.4545, 9.4115,  
10.7960


194.6041,  
186.4188, 206.9497

 6.4429, 5.0106,  
5.8174

236.9906,  
228.4000, 253.2340

 3.1594, 2.2535,  
2.6674

285.1241,

 1.2386, 0.7489,

276.2534, 305.9509

0.9269

339.3700,  
330.3635, 365.5189

■ 0.1365, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 56.0882, 51.1418,  
57.3673

■ 56.0882, 51.1418,  
57.3673

■ 50.4550, 42.3823,  
47.7597

■ 62.6152, 61.4242,  
68.0866

■ 45.6710, 35.0661,  
39.2234

■ 70.0693, 73.2903,  
79.9496

■ 41.6944, 29.1168,  
31.7201

■ 78.4873, 86.8062,  
92.9911

■ 38.4778, 24.4480,  
25.2081

■ 84.0879, 94.4023,  
105.9715

■ 35.9684, 20.9634,  
19.6420

■ 84.5507, 94.5874,  
108.4086

■ 34.1066, 18.5531,  
14.9728

■ 32.8217, 17.0859,  
11.1455

■ 32.0537, 16.3726,  
8.3528

# Harmonies

## Analogous

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



54.7291, 51.1418, 68.1618



56.0882, 51.1418, 57.3673



55.3611, 51.1418, 47.3753

# Triad

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



56.0882, 51.1418, 57.3673



45.6134, 51.1418, 39.1530



44.6545, 51.1418, 74.2796

# Complementary

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



56.0882, 51.1418, 57.3673



56.1743, 67.2137, 69.6904

# 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.



42.4291, 51.1418, 64.9131



56.0882, 51.1418, 57.3673



42.9626, 51.1418, 44.8315

# Square

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



56.0882, 51.1418, 57.3673



49.1928, 51.1418, 37.6690



41.8257, 51.1418, 54.0354



48.0294, 51.1418, 78.6863



# Rectangle

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



56.0882, 51.1418, 57.3673



53.8098, 51.1418, 42.3552



41.8257, 51.1418, 54.0354



43.7541, 51.1418, 71.5530

# Sweetspot

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



56.0896, 51.1441, 57.3684



88.7792, 89.9906, 99.0031



55.0645, 50.1733, 77.3037



18.8623, 19.0388, 20.9675



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.



56.0896, 51.1441, 57.3684



71.9291, 63.4322, 71.3693



55.8289, 53.3256, 48.9481



13.8988, 13.7771, 15.2372



18.7059, 9.5493, 5.1168



1.3375, 0.6783, 0.5701



# Inverse Universe

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



56.0896, 51.1441, 57.3684



71.9291, 63.4322, 71.3693



56.3876, 64.3302, 79.9665



13.8988, 13.7771, 15.2372



18.7059, 9.5493, 5.1168



1.3375, 0.6783, 0.5701



# Previews

## White Background



This preview shows how the XYZ color 56.0882, 51.1418, 57.3673 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

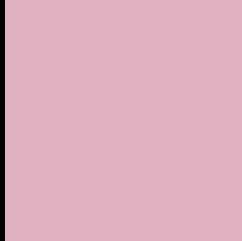
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 56.0882, 51.1418, 57.3673 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

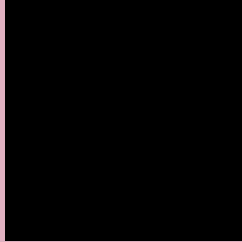
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 56.0882, 51.1418, 57.3673**

## **Background**



This preview shows how black text looks on a background with the XYZ color 56.0882, 51.1418, 57.3673.



This preview shows how white text looks on a background with the XYZ color 56.0882, 51.1418,



# 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

56.0882, 51.1418, 57.3673

### Protanopia

49.8581, 51.5125, 61.9587

### Deuteranopia

52.3870, 51.3521, 57.0200



## Tritanopia

55.8666, 51.0532, 56.2000

# Trichromacy



## Original Color

56.0882, 51.1418, 57.3673

## Protanomaly

51.7841, 51.2857, 59.9931

## Deuteranomaly

53.4789, 50.9997, 56.8944

## Tritanomaly

55.9770, 51.0973, 56.7816

# Monochromacy



## Original Color

56.0882, 51.1418, 57.3673

## Achromatopsia

50.6879, 53.3276, 58.0738

## Achromatomaly

52.2978, 52.2283, 57.7768

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 56.0882, 51.1418, 57.3673 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(224, 177, 193)` looks like.

```
.text, #text, p{  
    color:rgb(224, 177, 193)  
}
```

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(224, 177, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 177, 193) }
```

## Border

The CSS property to change the border of an element to XYZ 56.0882, 51.1418, 57.3673 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(224, 177, 193) }
```



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

```
.border{ border-color:rgb(224, 177, 193) }
```

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

Here you see how a box with a 4 pixel rgb(224, 177, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 177, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 177, 193);  
box-shadow:4px 4px 4px 4px rgb(224, 177,  
193) }
```

# Background

The CSS property to change the background color of an element to XYZ 56.0882, 51.1418, 57.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 177, 193) }
```

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

```
.background{ background-color: rgb(224,  
177, 193) }
```

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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