

# Converting Colors

XYZ(57.5833, 50.5428, 67.7088)

Have a look what the booklet for  
XYZ(57.5833, 50.5428, 67.7088)  
contains.

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# Color

**XYZ(57.6278, 50.5478,  
67.6922)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E1ADD2
RGB	225, 173, 210
RGB Percent	88%, 68%, 82%
CMY	0.1176, 0.3215, 0.1765
CMYK	0.00, 0.23, 0.07, 0.12
HSL	317°, 46%, 78%
HSV	317°, 23%, 88%
XYZ	57.6278, 50.5478, 67.6922
YIQ	192.7660, 19.1150, 22.5310

# Conversions

## Conversions Part 2

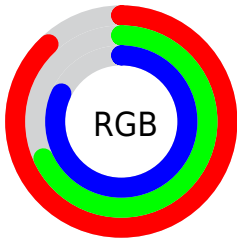
Format	Color
R <sub>Y</sub> B	225, 173, 210
Decimal	14790098
CIE Lab	76.40, 24.89, -11.38
CIE LCh	76, 27.372, 335.437
Yxy	50.5478, 0.3277, 0.2874
Android (android.graphics.Color)	4292980178 (0xFFE1ADD2)
YUV	192.7660, 8.4964, 28.2692
Hunter-Lab	71.0970, 20.2638, -6.6828

# Details

The XYZ color **57.6278, 50.5478, 67.6922** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.2379, 66.3670, 57.5841**, and the grayscale version is **50.4963, 53.1260, 57.8542**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **29.0794, 24.2683, 34.6041** is the 20% darker color. If you saturate the color by 10%, you get **52.8793, 42.3181, 62.2004**, and if you desaturate by 10%, it is **63.1387, 60.2481, 73.6011**.

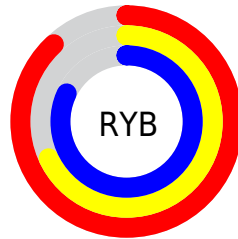
# Distribution



Red (88%)

Green (68%)

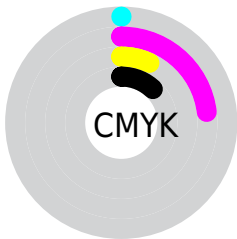
Blue (82%)



Red (88%)

Yellow (68%)

Blue (82%)

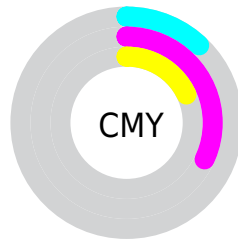


Cyan (0%)

Magenta (23%)

Yellow (7%)

Black (12%)



Cyan (12%)

Magenta (32%)


Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6278, 50.5478, 67.6922 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 57.6278, 50.5478, 67.6922 by changing the saturation by 10% instead.




 57.6278, 50.5478,  
67.6922

 57.6278, 50.5478,  
67.6922


405.7739,  
388.8043, 470.9731

 41.7516, 35.8489,  
49.1822

 100.5067, 90.9860,  
117.5617

 29.0971, 24.3175,  
34.3974


128.2402,  
117.4940, 149.7584

 19.2989, 15.5693,  
22.9193


160.6567,  
148.7072, 187.3544

 11.9918, 9.2199,  
14.3292

198.1218,  
185.0100, 230.7683

 6.8102, 4.8849,  
8.2086

241.0007,  
226.7867, 280.4185

 3.3890, 2.1799,  
4.1390

289.6587,

 1.3626, 0.7090,

274.4217, 336.7237

1.7019

344.4613,  
328.2994, 400.1024

■ 0.2294, 0.0000,  
0.3621

■ 0.0000, 0.0000,  
0.0000

■ 57.6278, 50.5478,  
67.6922

■ 57.6278, 50.5478,  
67.6922

■ 52.8793, 42.3181,  
62.2004

■ 63.1387, 60.2481,  
73.6011

■ 48.8518, 35.4795,  
57.1083

■ 69.4415, 71.4801,  
79.9372

■ 45.5070, 29.9549,  
52.4019

■ 76.5700, 84.3096,  
86.7140

■ 42.8010, 25.6572,  
48.0644

■ 81.9470, 93.5819,  
93.0743

40.6846, 22.4887,  
44.0775

82.9074, 93.9660,  
98.1315

39.1010, 20.3367,  
40.4203

83.9024, 94.3640,  
103.3711

37.9817, 19.0646,  
37.0678

84.8618, 94.7478,  
108.4232

37.4049, 18.5490,  
34.9086

# Harmonies

## Analogous

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



54.0192, 50.5478, 81.5367



57.6278, 50.5478, 67.6922



58.5947, 50.5478, 52.3934

# Triad

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



57.6278, 50.5478, 67.6922



47.1117, 50.5478, 31.3526



40.4174, 50.5478, 73.1788

# Complementary

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



57.6278, 50.5478, 67.6922



53.2379, 66.3670, 57.5841

# 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.



38.8428, 50.5478, 57.7700



57.6278, 50.5478, 67.6922



42.5268, 50.5478, 35.0098

# Square

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



57.6278, 50.5478, 67.6922



52.2803, 50.5478, 33.0590



39.5867, 50.5478, 44.0680



44.0432, 50.5478, 85.0801



# Rectangle

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



57.6278, 50.5478, 67.6922



57.5557, 50.5478, 43.7304



39.5867, 50.5478, 44.0680



39.6429, 50.5478, 68.1439

# Sweetspot

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



57.6293, 50.5500, 67.6933



88.7995, 88.8080, 102.7811



49.2097, 45.9834, 77.5172



18.8968, 18.8125, 21.8893



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.



57.6293, 50.5500, 67.6933



73.2067, 61.3387, 86.1263



54.6765, 49.3689, 52.1438



14.1176, 13.8647, 16.3897



21.6071, 10.7098, 20.3944



1.5359, 0.7576, 1.6147



# Inverse Universe

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



57.6293, 50.5500, 67.6933



73.2067, 61.3387, 86.1263



56.2641, 67.5775, 73.5197



14.1176, 13.8647, 16.3897



21.6071, 10.7098, 20.3944



1.5359, 0.7576, 1.6147



# Previews

## White Background



This preview shows how the XYZ color 57.6278, 50.5478, 67.6922 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

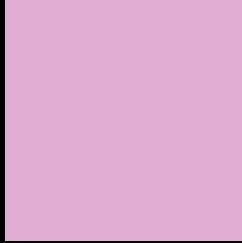
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.6278, 50.5478, 67.6922 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 57.6278, 50.5478, 67.6922**

## **Background**



This preview shows how black text looks on a background with the XYZ color 57.6278, 50.5478, 67.6922.



This preview shows how white text looks on a background with the XYZ color 57.6278, 50.5478,

67.6922.

# 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

57.6278, 50.5478, 67.6922

### Protanopia

50.0849, 50.7224, 74.1685

### Deuteranopia

51.8144, 50.8408, 66.7569



## Tritanopia

54.9438, 50.2980, 55.5278

# Trichromacy



## Original Color

57.6278, 50.5478, 67.6922

## Protanomaly

52.4113, 50.4195, 71.9353

## Deuteranomaly

53.8423, 50.6559, 67.2614

## Tritanomaly

55.8394, 50.3791, 59.6044

# Monochromacy



## Original Color

57.6278, 50.5478, 67.6922

## Achromatopsia

50.6879, 53.3276, 58.0738

## Achromatomaly

53.0445, 52.2205, 61.3166

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.6278, 50.5478, 67.6922 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(225, 173, 210)` looks like.

```
.text, #text, p{  
    color:rgb(225, 173, 210)  
}
```

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(225, 173, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 173, 210) }
```

## Border

The CSS property to change the border of an element to XYZ 57.6278, 50.5478, 67.6922 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(225, 173, 210) }
```



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

```
.border{ border-color:rgb(225, 173, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 173, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 173, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 173, 210);  
box-shadow:4px 4px 4px 4px rgb(225, 173,  
210) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.6278, 50.5478, 67.6922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 173, 210) }
```

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

```
.background{ background-color: rgb(225,  
173, 210) }
```

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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