

# Converting Colors

XYZ(57.3020, 52.3053, 49.7695)

Have a look what the booklet for  
XYZ(57.3020, 52.3053, 49.7695)  
contains.

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# Color

**XYZ(57.3358, 52.2513,  
49.7114)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8B2B3
RGB	232, 178, 179
RGB Percent	91%, 70%, 70%
CMY	0.0902, 0.3019, 0.2980
CMYK	0.00, 0.23, 0.23, 0.09
HSL	359°, 54%, 80%
HSV	359°, 23%, 91%
XYZ	57.3358, 52.2513, 49.7114
YIQ	194.2600, 31.8630, 11.7590

# Conversions

## Conversions Part 2

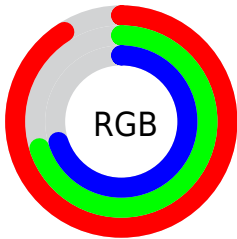
Format	Color
R <sub>Y</sub> B	232, 178, 179
Decimal	15250099
CIE <sub>Lab</sub>	77.43, 19.75, 7.08
CIE <sub>LCh</sub>	77, 20.986, 19.731
Yxy	52.2513, 0.3599, 0.3280
Android (android.graphics.Color)	4293440179 (0xFFE8B2B3)
YUV	194.2600, -7.5232, 33.0980
Hunter-Lab	72.2851, 15.0856, 9.8250

# Details

The XYZ color **57.3358, 52.2513, 49.7114** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.6427, 72.9490, 86.4367**, and the grayscale version is **51.4633, 54.1434, 58.9622**.

A 20% lighter version of the original color is **85.6582, 86.1038, 90.7023**, and **28.7787, 25.2875, 23.1028** is the 20% darker color. If you saturate the color by 10%, you get **50.9881, 42.9420, 37.1555**, and if you desaturate by 10%, it is **64.8474, 63.2788, 64.5329**.

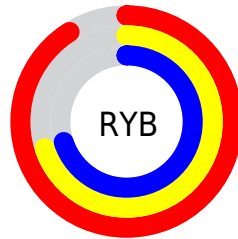
# Distribution



Red (91%)

Green (70%)

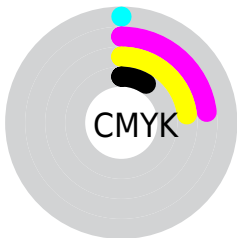
Blue (70%)



Red (91%)

Yellow (70%)

Blue (70%)

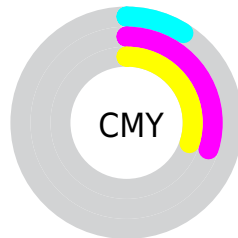


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (9%)



Cyan (9%)

Magenta (30%)


Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3358, 52.2513, 49.7114 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 57.3358, 52.2513, 49.7114 by changing the saturation by 10% instead.





 57.3358, 52.2513,  
49.7114

 57.3358, 52.2513,  
49.7114


404.7003,  
395.4060, 402.2390

 41.5161, 37.2054,  
34.8146


 100.0835, 93.5017,  
91.1390

 28.9120, 25.3666,  
23.2377


127.7423,  
120.4751, 118.5069

 19.1582, 16.3504,  
14.5621

160.0781,  
152.1931, 150.8689

 11.8893, 9.7724,  
8.3695

197.4563,  
189.0401, 188.6434

 6.7400, 5.2483,  
4.2411

240.2422,  
231.4005, 232.2492

 3.3449, 2.3937,  
1.7585

288.8013,

 1.3387, 0.8226,

279.6586, 282.1047

0.4004

343.4989,  
334.1990, 338.6284

■ 0.2119, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 57.3358, 52.2513,  
49.7114

■ 57.3358, 52.2513,  
49.7114

■ 50.9881, 42.9420,  
37.1555

■ 64.8474, 63.2788,  
64.5329

■ 45.7420, 35.2578,  
26.7506

■ 73.5725, 76.0971,  
81.7203

■ 41.5362, 29.1075,  
18.3771

■ 83.5629, 90.7837,  
101.3722

■ 38.3014, 24.3884,  
11.9021

■ 87.0889, 95.8959,  
108.5274

■ 35.9600, 20.9850,  
7.1775

■ 34.4225, 18.7640,  
4.0327

■ 33.5811, 17.5640,  
2.2633

■ 33.3023, 17.1653,  
1.6808

# Harmonies

## Analogous

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



57.7013, 52.2513, 60.9496



57.3358, 52.2513, 49.7114



54.8527, 52.2513, 41.5574

# Triad

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



57.3358, 52.2513, 49.7114



43.9717, 52.2513, 43.6965



48.2920, 52.2513, 81.6966

# Complementary

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



57.3358, 52.2513, 49.7114



61.6427, 72.9490, 86.4367

# 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.



44.8119, 52.2513, 75.6012



57.3358, 52.2513, 49.7114



42.4087, 52.2513, 53.0201

# Square

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



57.3358, 52.2513, 49.7114



47.0880, 52.2513, 38.4244



42.7077, 52.2513, 64.7345



52.3308, 52.2513, 80.4944



# Rectangle

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



57.3358, 52.2513, 49.7114



52.4018, 52.2513, 38.4795



42.7077, 52.2513, 64.7345



47.0219, 52.2513, 80.4043

# Sweetspot

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



57.3372, 52.2537, 49.7125



86.9238, 88.0577, 92.9037



63.1847, 54.5255, 83.5386



18.4630, 18.6390, 19.6050



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.



57.3372, 52.2537, 49.7125



67.0456, 58.8743, 53.6828



62.7193, 63.1784, 51.0115



14.3877, 14.3723, 14.9762



18.4931, 9.5314, 0.9596



1.3704, 0.7059, 0.0910



# Inverse Universe

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



57.3372, 52.2537, 49.7125



67.0456, 58.8743, 53.6828



55.1921, 59.8221, 84.9822



14.3877, 14.3723, 14.9762



18.4931, 9.5314, 0.9596



1.3704, 0.7059, 0.0910



# Previews

## White Background



This preview shows how the XYZ color 57.3358, 52.2513, 49.7114 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

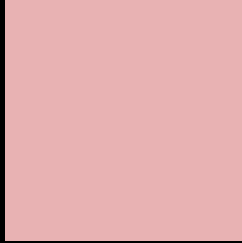
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.3358, 52.2513, 49.7114 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 57.3358, 52.2513, 49.7114**

## **Background**



This preview shows how black text looks on a background with the XYZ color 57.3358, 52.2513, 49.7114.



This preview shows how white text looks on a background with the XYZ color 57.3358, 52.2513,



# 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

57.3358, 52.2513, 49.7114

### Protanopia

50.2587, 52.5425, 53.9472

### Deuteranopia

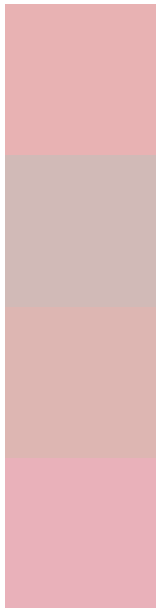
53.4092, 52.3593, 49.4109



## Tritanopia

58.4239, 52.0920, 55.6907

# Trichromacy



## Original Color

57.3358, 52.2513, 49.7114

## Protanomaly

52.4006, 52.0920, 52.0927

## Deuteranomaly

54.5826, 52.0424, 49.2879

## Tritanomaly

58.1893, 52.3131, 53.4849

# Monochromacy



## Original Color

57.3358, 52.2513, 49.7114

## Achromatopsia

51.2775, 53.9479, 58.7493

## Achromatomaly

53.1810, 53.0505, 55.5809

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.3358, 52.2513, 49.7114 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(232, 178, 179)` looks like.

```
.text, #text, p{  
    color:rgb(232, 178, 179)  
}
```

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(232, 178, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 178, 179) }
```

## Border

The CSS property to change the border of an element to XYZ 57.3358, 52.2513, 49.7114 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(232, 178, 179) }
```



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

```
.border{ border-color:rgb(232, 178, 179) }
```

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

Here you see how a box with a 4 pixel rgb(232, 178, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 178, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 178, 179);  
box-shadow:4px 4px 4px 4px rgb(232, 178,  
179) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.3358, 52.2513, 49.7114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 178, 179) }
```

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

```
.background{ background-color: rgb(232,  
178, 179) }
```

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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