

# Converting Colors

XYZ(57.1091, 52.8433, 54.5159)

Have a look what the booklet for  
XYZ(57.1091, 52.8433, 54.5159)  
contains.

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# Color

**XYZ(57.2795, 53.0095,  
54.7898)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E3B5BC
RGB	227, 181, 188
RGB Percent	89%, 71%, 74%
CMY	0.1098, 0.2902, 0.2627
CMYK	0.00, 0.20, 0.17, 0.11
HSL	351°, 45%, 80%
HSV	351°, 20%, 89%
XYZ	57.2795, 53.0095, 54.7898
YIQ	195.5520, 25.1690, 11.9290

# Conversions

## Conversions Part 2

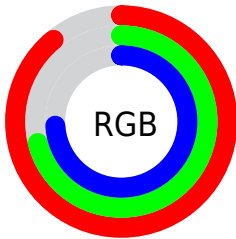
Format	Color
R <sub>Y</sub> B	227, 181, 188
Decimal	14923196
CIE Lab	77.88, 17.68, 2.79
CIE LCh	78, 17.895, 8.954
Yxy	53.0095, 0.3470, 0.3211
Android (android.graphics.Color)	4293113276 (0xFFE3B5BC)
YUV	195.5520, -3.7231, 27.5799
Hunter-Lab	72.8076, 13.0169, 6.3479

# Details

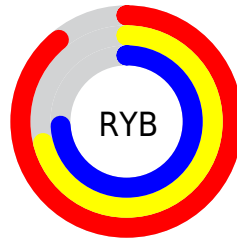
The XYZ color **57.2795, 53.0095, 54.7898** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.4455, 69.9305, 78.0784**, and the grayscale version is **52.2134, 54.9326, 59.8216**.

A 20% lighter version of the original color is **87.8533, 88.3600, 98.0128**, and **28.8869, 25.8455, 26.3879** is the 20% darker color. If you saturate the color by 10%, you get **51.0961, 43.7444, 43.1654**, and if you desaturate by 10%, it is **64.4946, 63.8941, 68.1246**.

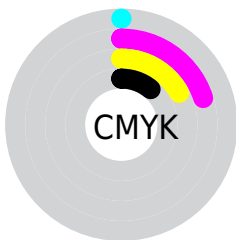
# Distribution



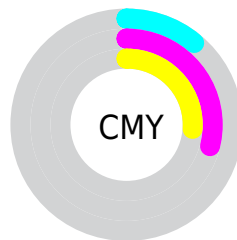
- Red (89%)
- Green (71%)
- Blue (74%)



- Red (89%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (20%)
- Yellow (17%)
- Black (11%)




- Cyan (11%)
- Magenta (29%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2795, 53.0095, 54.7898 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 57.2795, 53.0095, 54.7898 by changing the saturation by 10% instead.





 57.2795, 53.0095,  
54.7898

 57.2795, 53.0095,  
54.7898


404.4931,  
398.3216, 422.3741

 41.4707, 37.8104,  
38.8360


 100.0019, 94.6183,  
98.7010

 28.8764, 25.8355,  
26.3253


127.6462,  
121.7968, 127.4954

 19.1311, 16.7006,  
16.8392


159.9664,  
153.7372, 161.4071

 11.8696, 10.0213,  
9.9592

197.3279,  
190.8239, 200.8547

 6.7265, 5.4131,  
5.2667

240.0959,  
233.4413, 246.2567

 3.3365, 2.4916,  
2.3431

288.6359,

 1.3341, 0.8724,

281.9738, 298.0315

0.7552

343.3131,  
336.8057, 356.5978

■ 0.2085, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 57.2795, 53.0095,  
54.7898

■ 57.2795, 53.0095,  
54.7898

■ 51.0961, 43.7444,  
43.1654

■ 64.4946, 63.8941,  
68.1246

■ 45.8928, 36.0145,  
33.1788

■ 72.7812, 76.4629,  
83.2318

■ 41.6200, 29.7388,  
24.7568

■ 82.1823, 90.7859,  
100.1746

■ 38.2221, 24.8260,  
17.8195

■ 85.4887, 95.0710,  
108.4525

■ 35.6375, 21.1742,  
12.2799

■ 33.7963, 18.6676,  
8.0415

■ 32.6165, 17.1684,  
4.9954

■ 31.9751, 16.4495,  
3.0432

# Harmonies

## Analogous

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



56.8834, 53.0095, 64.8697



57.2795, 53.0095, 54.7898



55.7629, 53.0095, 46.5000

# Triad

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



57.2795, 53.0095, 54.7898



46.2973, 53.0095, 44.0746



48.0214, 53.0095, 77.4918

# Complementary

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



57.2795, 53.0095, 54.7898



59.4455, 69.9305, 78.0784

# 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.



45.3625, 53.0095, 70.6097



57.2795, 53.0095, 54.7898



44.3994, 53.0095, 51.1129

# Square

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



57.2795, 53.0095, 54.7898



49.3507, 53.0095, 40.7981



44.0653, 53.0095, 60.7494



51.4315, 53.0095, 78.7690



# Rectangle

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



57.2795, 53.0095, 54.7898



53.9105, 53.0095, 42.8215



44.0653, 53.0095, 60.7494



47.0147, 53.0095, 75.7222

# Sweetspot

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



57.2810, 53.0119, 54.7909



88.3429, 89.8161, 96.7058



59.7045, 53.7082, 79.8934



18.7595, 18.9977, 20.4260



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.



57.2810, 53.0119, 54.7909



71.2797, 64.0716, 65.1777



59.8359, 59.2996, 52.0114



14.4659, 14.4035, 15.3878



18.6746, 9.6041, 1.9155



1.4077, 0.7208, 0.2877



# Inverse Universe

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



57.2810, 53.0119, 54.7909



71.2797, 64.0716, 65.1777



56.3834, 62.2921, 81.7253



14.4659, 14.4035, 15.3878



18.6746, 9.6041, 1.9155



1.4077, 0.7208, 0.2877



# Previews

## White Background



This preview shows how the XYZ color 57.2795, 53.0095, 54.7898 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

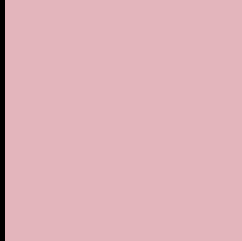
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.2795, 53.0095, 54.7898 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 57.2795, 53.0095, 54.7898**

## **Background**



This preview shows how black text looks on a background with the XYZ color 57.2795, 53.0095, 54.7898.



This preview shows how white text looks on a background with the XYZ color 57.2795, 53.0095,

54.7898.

# 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

57.2795, 53.0095, 54.7898

### Protanopia

51.3522, 53.3301, 58.6261

### Deuteranopia

54.2601, 53.0018, 54.3843



## Tritanopia

58.0538, 53.0315, 58.2153

# Trichromacy



## Original Color

57.2795, 53.0095, 54.7898

## Protanomaly

53.2298, 53.0376, 57.3009

## Deuteranomaly

55.3235, 52.9289, 54.3141

## Tritanomaly

57.8306, 52.9423, 57.0400

# Monochromacy



## Original Color

57.2795, 53.0095, 54.7898

## Achromatopsia

52.4687, 55.2011, 60.1140

## Achromatomaly

53.9886, 54.3773, 58.1024

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.2795, 53.0095, 54.7898 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, 181, 188)` looks like.

```
.text, #text, p{  
    color:rgb(227, 181, 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(227, 181, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 181, 188) }
```

## Border

The CSS property to change the border of an element to XYZ 57.2795, 53.0095, 54.7898 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, 181, 188) }
```



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

```
.border{ border-color:rgb(227, 181, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 181, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 181, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 181, 188);  
box-shadow:4px 4px 4px 4px rgb(227, 181,  
188) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.2795, 53.0095, 54.7898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 181, 188) }
```

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

```
.background{ background-color: rgb(227,  
181, 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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