

# Converting Colors

XYZ(59.5353, 54.0985, 53.6859)

Have a look what the booklet for  
XYZ(59.5353, 54.0985, 53.6859)  
contains.

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# Color

**XYZ(59.6477, 54.2551,  
53.7829)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBB5BA
RGB	235, 181, 186
RGB Percent	92%, 71%, 73%
CMY	0.0784, 0.2902, 0.2706
CMYK	0.00, 0.23, 0.21, 0.08
HSL	354°, 57%, 82%
HSV	354°, 23%, 92%
XYZ	59.6477, 54.2551, 53.7829
YIQ	197.7160, 30.5790, 13.0030

# Conversions

## Conversions Part 2

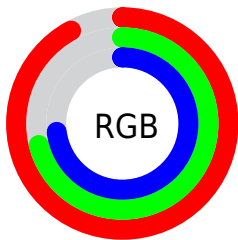
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 181, 186
Decimal	15447482
CIE Lab	78.61, 20.27, 5.02
CIE LCh	79, 20.887, 13.917
Yxy	54.2551, 0.3557, 0.3236
Android (android.graphics.Color)	4293637562 (0xFFEBB5BA)
YUV	197.7160, -5.7760, 32.6981
Hunter-Lab	73.6581, 15.6462, 8.2689

# Details

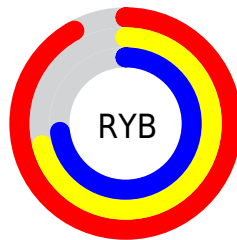
The XYZ color **59.6477, 54.2551, 53.7829** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.0495, 74.9548, 86.0112**, and the grayscale version is **53.5263, 56.3138, 61.3258**.

A 20% lighter version of the original color is **87.5512, 88.2392, 96.4218**, and **30.3129, 26.5968, 25.7263** is the 20% darker color. If you saturate the color by 10%, you get **53.1658, 44.6525, 41.2593**, and if you desaturate by 10%, it is **67.2769, 65.6099, 68.3595**.

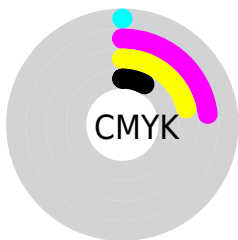
# Distribution



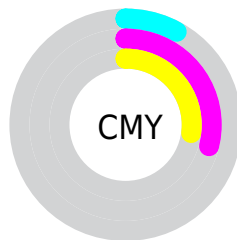
- Red (92%)
- Green (71%)
- Blue (73%)



- Red (92%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (8%)



- Cyan (8%)
- Magenta (29%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6477, 54.2551, 53.7829 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 59.6477, 54.2551, 53.7829 by changing the saturation by 10% instead.




 59.6477, 54.2551,  
53.7829

 59.6477, 54.2551,  
53.7829


413.1536,  
403.0820, 418.4328

 43.3831, 38.8056,  
38.0361


 103.4277, 96.4487,  
97.2086

 30.3816, 26.6086,  
25.7087


131.6738,  
123.9616, 125.7246

 20.2780, 17.2795,  
16.3820

164.6445,  
156.2645, 159.3341

 12.7067, 10.4339,  
9.6376

202.7051,  
193.7418, 198.4556

 7.3025, 5.6876,  
5.0569

246.2209,  
236.7777, 243.5077

 3.7000, 2.6561,  
2.2214

295.5574,

 1.5338, 0.9549,

285.7568, 294.9089

0.6867

351.0798,  
341.0635, 353.0777

■ 0.3487, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 59.6477, 54.2551,  
53.7829

■ 59.6477, 54.2551,  
53.7829

■ 53.1658, 44.6525,  
41.2593

■ 67.2769, 65.6099,  
68.3595

■ 47.7714, 36.7078,  
30.6932

■ 76.1005, 78.7901,  
85.0721

■ 43.4060, 30.3293,  
21.9864

■ 86.1685, 93.8739,  
104.0031

■ 40.0039, 25.4132,  
15.0312

■ 88.0711, 96.4022,  
108.5734

■ 37.4916, 21.8435,  
9.7085

■ 35.7849, 19.4861,  
5.8843

■ 34.7835, 18.1798,  
3.4031

■ 34.4034, 17.7192,  
2.3529

# Harmonies

## Analogous

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



59.5623, 54.2551, 65.5869



59.6477, 54.2551, 53.7829



57.4889, 54.2551, 44.6909

# Triad

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



59.6477, 54.2551, 53.7829



46.2647, 54.2551, 44.1892



49.4037, 54.2551, 83.6722

# Complementary

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



59.6477, 54.2551, 53.7829



63.0495, 74.9548, 86.0112

# 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.



46.0680, 54.2551, 76.2542



59.6477, 54.2551, 53.7829



44.3228, 54.2551, 53.0083

# Square

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



59.6477, 54.2551, 53.7829



49.6854, 54.2551, 39.6720



44.2527, 54.2551, 64.7024



53.4972, 54.2551, 83.9526



# Rectangle

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



59.6477, 54.2551, 53.7829



55.1307, 54.2551, 40.9468



44.2527, 54.2551, 64.7024



48.1619, 54.2551, 81.8904

# Sweetspot

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



59.6492, 54.2576, 53.7840



87.1183, 88.1355, 93.9279



64.0257, 55.8054, 85.9945



18.5079, 18.6569, 19.8412



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.



59.6492, 54.2576, 53.7840



67.6143, 59.1017, 56.6773



63.8646, 63.5236, 52.6145



15.1221, 15.0767, 15.9281



19.1670, 9.8695, 1.4149



1.5244, 0.7827, 0.2130



# Inverse Universe

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



59.6492, 54.2576, 53.7840



67.6143, 59.1017, 56.6773



57.9485, 63.6139, 87.8220



15.1221, 15.0767, 15.9281



19.1670, 9.8695, 1.4149



1.5244, 0.7827, 0.2130



# Previews

## White Background



This preview shows how the XYZ color 59.6477, 54.2551, 53.7829 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 59.6477, 54.2551, 53.7829 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 59.6477, 54.2551, 53.7829**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.6477, 54.2551, 53.7829.



This preview shows how white text looks on a background with the XYZ color 59.6477, 54.2551,



# 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

59.6477, 54.2551, 53.7829

### Protanopia

52.4706, 54.5759, 58.2208

### Deuteranopia

55.3554, 54.2209, 53.4471



## Tritanopia

60.6509, 54.3704, 58.3368

# Trichromacy



## Original Color

59.6477, 54.2551, 53.7829

## Protanomaly

54.6432, 54.1099, 56.2795

## Deuteranomaly

56.8464, 54.0480, 53.3351

## Tritanomaly

60.3173, 54.2370, 56.5799

# Monochromacy



## Original Color

59.6477, 54.2551, 53.7829

## Achromatopsia

53.6758, 56.4712, 61.4971

## Achromatomaly

55.4512, 55.4432, 58.8180

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.6477, 54.2551, 53.7829 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(235, 181, 186)` looks like.

```
.text, #text, p{  
    color:rgb(235, 181, 186)  
}
```

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(235, 181, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 181, 186) }
```

## Border

The CSS property to change the border of an element to XYZ 59.6477, 54.2551, 53.7829 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(235, 181, 186) }
```



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

```
.border{ border-color:rgb(235, 181, 186) }
```

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

Here you see how a box with a 4 pixel rgb(235, 181, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 181, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 181, 186);  
box-shadow:4px 4px 4px 4px rgb(235, 181,  
186) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.6477, 54.2551, 53.7829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 181, 186) }
```

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

```
.background{ background-color: rgb(235,  
181, 186) }
```

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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