

# Converting Colors

XYZ(56.4054, 39.4945, 34.7787)

Have a look what the booklet for  
XYZ(56.4054, 39.4945, 34.7787)  
contains.

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# Color

**XYZ(54.4506, 38.4816,  
34.6948)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7E99
RGB	255, 126, 153
RGB Percent	100%, 49%, 60%
CMY	0.0000, 0.5059, 0.4000
CMYK	0.00, 0.51, 0.40, 0.00
HSL	347°, 100%, 75%
HSV	347°, 51%, 100%
XYZ	54.4506, 38.4816, 34.6948
YIQ	167.6490, 68.2170, 35.7450

# Conversions

## Conversions Part 2

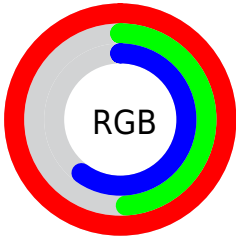
Format	Color
R <sub>Y</sub> B	255, 126, 153
Decimal	16744089
CIE Lab	68.37, 51.58, 8.87
CIE LCh	68, 52.340, 9.755
Yxy	38.4816, 0.4266, 0.3015
Android (android.graphics.Color)	4294934169 (0xFFFF7E99)
YUV	167.6490, -7.2220, 76.6068
Hunter-Lab	62.0335, 48.1216, 10.2631

# Details

The XYZ color **54.4506, 38.4816, 34.6948** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **58.3698, 81.5579, 86.0695**, and the grayscale version is **37.0595, 38.9894, 42.4595**.

A 20% lighter version of the original color is **69.2304, 59.2209, 66.8134**, and **27.2213, 17.1961, 14.4548** is the 20% darker color. If you saturate the color by 10%, you get **50.0684, 32.1610, 25.7001**, and if you desaturate by 10%, it is **59.9472, 46.5805, 45.4501**.

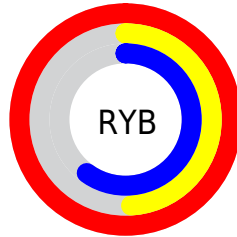
# Distribution



Red (100%)

Green (49%)

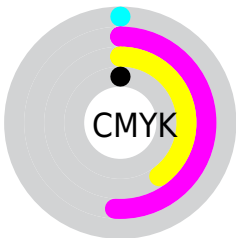
Blue (60%)



Red (100%)

Yellow (49%)

Blue (60%)

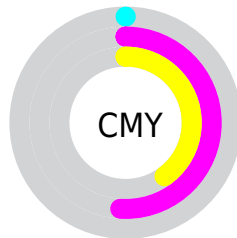


Cyan (0%)

Magenta (51%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (51%)


Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4506, 38.4816, 34.6948 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 54.4506, 38.4816, 34.6948 by changing the saturation by 10% instead.





 54.4506, 38.4816,  
34.6948

 54.4506, 38.4816,  
34.6948

393.9963,  
339.6814, 338.0824


 39.1941, 26.3567,  
23.1462

 95.8886, 72.8457,  
68.1589

 27.0922, 17.0907,  
14.4952


 122.8007, 95.8537,  
90.9115

 17.7794, 10.2992,  
8.3232


 154.3289,  
123.2581, 118.2358

 10.8905, 5.5978,  
4.2117

190.8383,  
155.4435, 150.5504

 6.0600, 2.6021,  
1.7422

232.6945,  
192.7941, 188.2738

 2.9226, 0.9277,  
0.3894

280.2626,

 1.1130, 0.0000,

235.6943, 231.8246

0.0000

333.9081,  
284.5287, 281.6213

■ 0.0359, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.4506, 38.4816,  
34.6948

■ 54.4506, 38.4816,  
34.6948

■ 50.0684, 32.1610,  
25.7001

■ 59.9472, 46.5805,  
45.4501

■ 46.7188, 27.4781,  
18.3679

■ 66.6259, 56.5722,  
58.0524

■ 44.3137, 24.2810,  
12.5935

■ 74.5526, 68.5688,  
72.5846

■ 42.7477, 22.3860,  
8.2580

■ 83.7874, 82.6717,  
89.1243

■ 41.8909, 21.5204,  
5.3579

94.3862, 98.9757,  
107.7443

95.0499, 100.0000,  
108.9000

# Harmonies

## Analogous

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



53.4821, 38.4816, 59.5790



54.4506, 38.4816, 34.6948



50.1087, 38.4816, 19.1221

# Triad

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



54.4506, 38.4816, 34.6948



27.3778, 38.4816, 15.8614



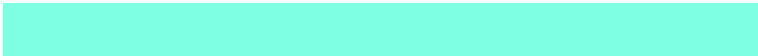
31.3788, 38.4816, 100.2668

# Complementary

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



54.4506, 38.4816, 34.6948



58.3698, 81.5579, 86.0695

# 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.



25.7290, 38.4816, 77.9870



54.4506, 38.4816, 34.6948



23.6702, 38.4816, 28.1177

# Square

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



54.4506, 38.4816, 34.6948



33.9647, 38.4816, 11.2647



23.1155, 38.4816, 50.0393



39.3170, 38.4816, 104.1446



# Rectangle

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



54.4506, 38.4816, 34.6948



45.1203, 38.4816, 13.7157



23.1155, 38.4816, 50.0393



29.1841, 38.4816, 94.3711

# Sweetspot

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



54.4516, 38.4836, 34.6955



79.5456, 76.1798, 81.5702



57.2066, 38.4829, 99.0204



16.6123, 15.6740, 16.7175



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.



54.4516, 38.4836, 34.6955



49.9095, 31.9351, 25.3636



58.0247, 48.8033, 26.1030



18.1648, 18.0493, 19.4853



21.9322, 11.2622, 3.0272



2.1730, 1.1116, 0.4924



# Inverse Universe

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



54.4516, 38.4836, 34.6955



49.9095, 31.9351, 25.3636



51.8441, 62.0338, 103.8489



18.1648, 18.0493, 19.4853



21.9322, 11.2622, 3.0272



2.1730, 1.1116, 0.4924



# Previews

## White Background



This preview shows how the XYZ color 54.4506, 38.4816, 34.6948 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 54.4506, 38.4816, 34.6948 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 54.4506, 38.4816, 34.6948**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.4506, 38.4816, 34.6948.



This preview shows how white text looks on a background with the XYZ color 54.4506, 38.4816,

34.6948.

# 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

54.4506, 38.4816, 34.6948

### Protanopia

37.5225, 38.6924, 46.0482

### Deuteranopia

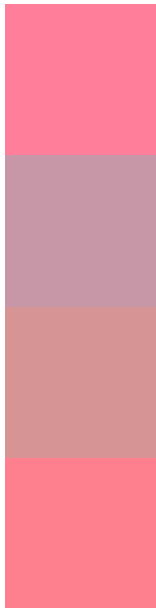
39.2465, 38.5435, 32.9749



## Tritanopia

53.3108, 38.6063, 28.6867

# Trichromacy



## Original Color

54.4506, 38.4816, 34.6948

## Protanomaly

41.8611, 37.2026, 41.5337

## Deuteranomaly

43.7463, 37.6459, 33.3945

## Tritanomaly

53.5501, 38.4923, 30.5940

# Monochromacy



## Original Color

54.4506, 38.4816, 34.6948

## Achromatopsia

37.2190, 39.1572, 42.6422

## Achromatomaly

41.8215, 37.7062, 39.7241

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.4506, 38.4816, 34.6948 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(255, 126, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 153)  
}
```

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(255, 126, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 153) }
```

## Border

The CSS property to change the border of an element to XYZ 54.4506, 38.4816, 34.6948 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(255, 126, 153) }
```



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

```
.border{ border-color:rgb(255, 126, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 126, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
153) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.4506, 38.4816, 34.6948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 153) }
```

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

```
.background{ background-color: rgb(255,  
126, 153) }
```

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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