

# Converting Colors

XYZ(54.5264, 38.2907, 35.7762)

Have a look what the booklet for  
XYZ(54.5264, 38.2907, 35.7762)  
contains.

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# Color

**XYZ(54.5744, 38.3275,  
35.9741)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7D9C
RGB	255, 125, 156
RGB Percent	100%, 49%, 61%
CMY	0.0000, 0.5098, 0.3882
CMYK	0.00, 0.51, 0.39, 0.00
HSL	346°, 100%, 75%
HSV	346°, 51%, 100%
XYZ	54.5744, 38.3275, 35.9741
YIQ	167.4040, 67.5290, 37.2010

# Conversions

## Conversions Part 2

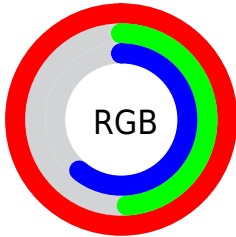
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 125, 156
Decimal	16743836
CIE <sub>Lab</sub>	68.26, 52.38, 7.01
CIE <sub>LCh</sub>	68, 52.851, 7.627
Yxy	38.3275, 0.4235, 0.2974
Android (android.graphics.Color)	4294933916 (0xFFFF7D9C)
YUV	167.4040, -5.6222, 76.8217
Hunter-Lab	61.9092, 49.0108, 8.8843

# Details

The XYZ color **54.5744, 38.3275, 35.9741** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **57.6740, 81.2627, 83.1712**, and the grayscale version is **36.9323, 38.8556, 42.3138**.

A 20% lighter version of the original color is **69.3967, 58.9609, 68.6958**, and **27.2456, 17.0023, 15.2104** is the 20% darker color. If you saturate the color by 10%, you get **50.2354, 32.0743, 27.0528**, and if you desaturate by 10%, it is **60.0068, 46.3467, 46.5577**.

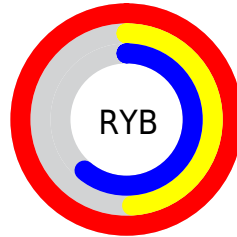
# Distribution



Red (100%)

Green (49%)

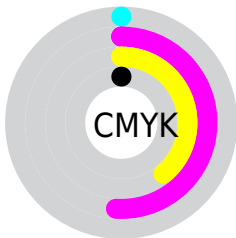
Blue (61%)



Red (100%)

Yellow (49%)

Blue (61%)

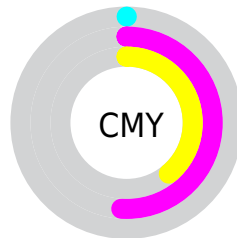


Cyan (0%)

Magenta (51%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (51%)


Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5744, 38.3275, 35.9741 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 54.5744, 38.3275, 35.9741 by changing the saturation by 10% instead.





 54.5744, 38.3275,  
35.9741


 54.5744, 38.3275,  
35.9741


394.4593,  
339.0228, 343.8813


 39.2936, 26.2370,  
24.1247


 96.0691, 72.6098,  
70.1607

 27.1699, 17.0010,  
15.2131


 123.0136, 95.5704,  
93.3349

 17.8381, 10.2352,  
8.8208


 154.5768,  
122.9232, 121.1211

 10.9328, 5.5552,  
4.5293

191.1239,  
155.0524, 153.9379

 6.0886, 2.5765,  
1.9200

233.0204,  
192.3426, 192.2038

 2.9402, 0.9149,  
0.5054

280.6315,

 1.1222, 0.0000,

235.1782, 236.3373

0.0000

334.3227,  
283.9434, 286.7569

■ 0.0436, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.5744, 38.3275,  
35.9741

■ 54.5744, 38.3275,  
35.9741

■ 50.2354, 32.0743,  
27.0528

■ 60.0068, 46.3467,  
46.5577

■ 46.9096, 27.4467,  
19.7045

■ 66.5992, 56.2465,  
58.8822

■ 44.5102, 24.2926,  
13.8341

■ 74.4162, 68.1387,  
73.0234

■ 42.9332, 22.4278,  
9.3342

■ 83.5167, 82.1245,  
89.0521

■ 42.0769, 21.5948,  
6.3370

■ 93.9558, 98.2983,  
107.0350

■ 95.0500, 100.0000,  
108.9000

# Harmonies

## Analogous

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



53.2030, 38.3275, 61.5795



54.5744, 38.3275, 35.9741



50.5319, 38.3275, 19.6442

# Triad

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



54.5744, 38.3275, 35.9741



27.5569, 38.3275, 15.0551



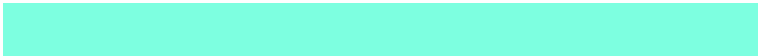
30.7050, 38.3275, 99.6070

# Complementary

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



54.5744, 38.3275, 35.9741



57.6740, 81.2627, 83.1712

# 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.



25.2296, 38.3275, 76.1720



54.5744, 38.3275, 35.9741



23.6131, 38.3275, 26.6858

# Square

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



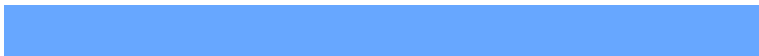
54.5744, 38.3275, 35.9741



34.3588, 38.3275, 10.9104



22.8307, 38.3275, 48.0740



38.5810, 38.3275, 105.1086



# Rectangle

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



54.5744, 38.3275, 35.9741



45.6248, 38.3275, 13.8737



22.8307, 38.3275, 48.0740



28.5604, 38.3275, 93.2289

# Sweetspot

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



54.5754, 38.3295, 35.9748



79.6981, 76.2408, 82.3732



55.6627, 37.4981, 98.9118



16.6486, 15.6885, 16.9088



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.



54.5754, 38.3295, 35.9748



50.2268, 32.0621, 27.0345



57.0848, 47.0262, 25.4728



18.1869, 18.0581, 19.6012



22.0341, 11.3029, 3.5639



2.1858, 1.1167, 0.5598



# Inverse Universe

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



54.5754, 38.3295, 35.9748



50.2268, 32.0621, 27.0345



52.7633, 64.0901, 104.1974



18.1869, 18.0581, 19.6012



22.0341, 11.3029, 3.5639



2.1858, 1.1167, 0.5598



# Previews

## White Background



This preview shows how the XYZ color 54.5744, 38.3275, 35.9741 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

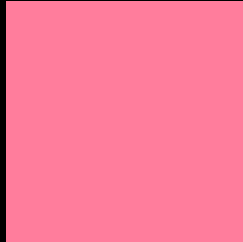
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.5744, 38.3275, 35.9741 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 54.5744, 38.3275, 35.9741**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.5744, 38.3275, 35.9741.



This preview shows how white text looks on a background with the XYZ color 54.5744, 38.3275,

35.9741.

# 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

54.5744, 38.3275, 35.9741

### Protanopia

37.4988, 38.6341, 48.1286

### Deuteranopia

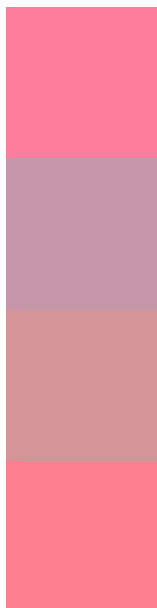
39.2362, 38.5106, 34.2195



## Tritanopia

53.1076, 38.3153, 28.2634

# Trichromacy



## Original Color

54.5744, 38.3275, 35.9741

## Protanomaly

41.7060, 37.0793, 43.4869

## Deuteranomaly

43.6980, 37.5929, 34.6588

## Tritanomaly

53.4965, 38.2632, 30.9515

# Monochromacy



## Original Color

54.5744, 38.3275, 35.9741

## Achromatopsia

36.7301, 38.6429, 42.0822

## Achromatomaly

41.3923, 37.2429, 39.6573

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.5744, 38.3275, 35.9741 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, 125, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 156)  
}
```

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, 125, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 156) }
```

## Border

The CSS property to change the border of an element to XYZ 54.5744, 38.3275, 35.9741 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, 125, 156) }
```



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

```
.border{ border-color:rgb(255, 125, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
156) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.5744, 38.3275, 35.9741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 156) }
```

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

```
.background{ background-color: rgb(255,  
125, 156) }
```

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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