

Converting Colors

XYZ(56.5998, 39.5514, 37.6248)

Have a look what the booklet for
XYZ(56.5998, 39.5514, 37.6248)
contains.

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Color

**XYZ(54.9589, 38.6849,
37.3712)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7E9F
RGB	255, 126, 159
RGB Percent	100%, 49%, 62%
CMY	0.0000, 0.5059, 0.3765
CMYK	0.00, 0.51, 0.38, 0.00
HSL	345°, 100%, 75%
HSV	345°, 51%, 100%
XYZ	54.9589, 38.6849, 37.3712
YIQ	168.3330, 66.2910, 37.6110

Conversions

Conversions Part 2

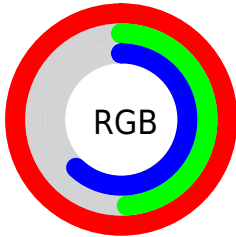
Format	Color
R_{YB}	255, 126, 159
Decimal	16744095
CIE Lab	68.52, 52.23, 5.70
CIE LCh	69, 52.542, 6.226
Yxy	38.6849, 0.4195, 0.2953
Android (android.graphics.Color)	4294934175 (0xFFFF7E9F)
YUV	168.3330, -4.6012, 76.0070
Hunter-Lab	62.1972, 48.8817, 7.9136

Details

The XYZ color **54.9589, 38.6849, 37.3712** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **57.5510, 81.2305, 81.7576**, and the grayscale version is **37.3833, 39.3302, 42.8306**.

A 20% lighter version of the original color is **70.1055, 59.5709, 71.4217**, and **27.4657, 17.1913, 16.0580** is the 20% darker color. If you saturate the color by 10%, you get **50.5813, 32.3661, 28.4013**, and if you desaturate by 10%, it is **60.4222, 46.7704, 47.9512**.

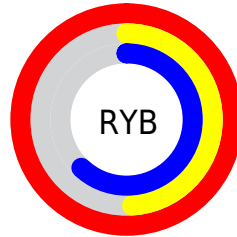
Distribution



Red (100%)

Green (49%)

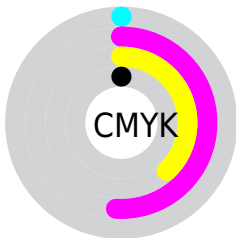
Blue (62%)



Red (100%)

Yellow (49%)

Blue (62%)

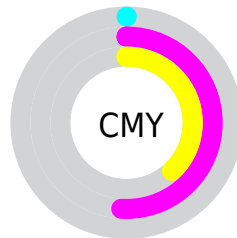


Cyan (0%)

Magenta (51%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (51%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9589, 38.6849, 37.3712 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 54.9589, 38.6849, 37.3712 by changing the saturation by 10% instead.


 54.9589, 38.6849,
37.3712


 54.9589, 38.6849,
37.3712


395.8951,
340.5490, 350.1318


 39.6025, 26.5147,
25.1970

 96.6294, 73.1567,
72.3360

 27.4116, 17.2091,
16.0035


 123.6743, 96.2271,
95.9637

 18.0208, 10.3837,
9.3723


 155.3460,
123.6996, 124.2463

 11.0647, 5.6541,
4.8847

192.0099,
155.9588, 157.6023

 6.1780, 2.6359,
2.1222

234.0314,
193.3889, 196.4504

 2.9953, 0.9447,
0.6289

281.7759,

 1.1513, 0.0000,

236.3744, 241.2089

0.0000

335.6087,
285.2996, 292.2966

■ 0.0674, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9589, 38.6849,
37.3712

■ 54.9589, 38.6849,
37.3712

■ 50.5813, 32.3661,
28.4013

■ 60.4222, 46.7704,
47.9512

■ 47.2106, 27.6748,
20.9573

■ 67.0366, 56.7364,
60.2151

■ 44.7613, 24.4600,
14.9501

■ 74.8659, 68.6941,
74.2344

■ 43.1316, 22.5395,
10.2792

■ 83.9681, 82.7440,
90.0759

■ 42.2006, 21.6442,
6.9886

94.3974, 98.9801,
107.8027

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.



53.3330, 38.6849, 63.2871



54.9589, 38.6849, 37.3712



51.1529, 38.6849, 20.5262

Triad

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



54.9589, 38.6849, 37.3712



28.1461, 38.6849, 15.0215



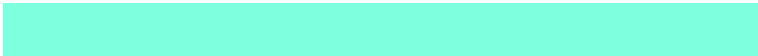
30.7213, 38.6849, 99.0850

Complementary

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



54.9589, 38.6849, 37.3712



57.5510, 81.2305, 81.7576

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.



25.3708, 38.6849, 75.1900



54.9589, 38.6849, 37.3712



24.0474, 38.6849, 26.2947

Square

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



54.9589, 38.6849, 37.3712



35.0705, 38.6849, 11.1238



23.1133, 38.6849, 47.2577



38.5211, 38.6849, 105.5854

Rectangle

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



54.9589, 38.6849, 37.3712



46.3406, 38.6849, 14.4663



23.1133, 38.6849, 47.2577



28.6152, 38.6849, 92.4760

Sweetspot

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



54.9599, 38.6869, 37.3719



79.7893, 76.2772, 82.8536



55.2096, 37.4534, 98.9271



16.6703, 15.6972, 17.0233



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.



54.9599, 38.6869, 37.3719



50.4221, 32.1402, 28.0628



56.9126, 46.5790, 25.7322



18.2000, 18.0633, 19.6703



22.1014, 11.3299, 3.9186



2.1940, 1.1200, 0.6028

Inverse Universe

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



54.9599, 38.6869, 37.3719



50.4221, 32.1402, 28.0628



53.5539, 65.4535, 104.4189



18.2000, 18.0633, 19.6703



22.1014, 11.3299, 3.9186



2.1940, 1.1200, 0.6028

Previews

White Background



This preview shows how the XYZ color 54.9589, 38.6849, 37.3712 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 54.9589, 38.6849, 37.3712 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 54.9589, 38.6849, 37.3712

Background



This preview shows how black text looks on a background with the XYZ color 54.9589, 38.6849, 37.3712.



This preview shows how white text looks on a background with the XYZ color 54.9589, 38.6849,

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

54.9589, 38.6849, 37.3712

Protanopia

37.8056, 38.7568, 49.7442

Deuteranopia

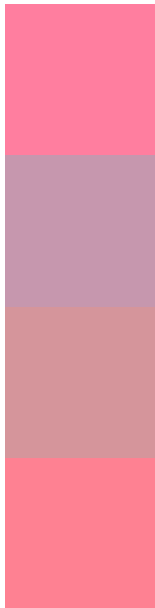
39.6564, 38.9594, 35.5668



Tritanopia

53.1508, 38.7120, 29.0969

Trichromacy



Original Color

54.9589, 38.6849, 37.3712

Protanomaly

41.9953, 37.1950, 45.0104

Deuteranomaly

44.1044, 38.0076, 36.0220

Tritanomaly

53.9116, 38.8467, 31.8508

Monochromacy



Original Color

54.9589, 38.6849, 37.3712

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

42.0022, 37.7784, 40.6755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9589, 38.6849, 37.3712 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 159) }
```

Border

The CSS property to change the border of an element to XYZ 54.9589, 38.6849, 37.3712 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, 159) }
```


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

```
.border{ border-color:rgb(255, 126, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9589, 38.6849, 37.3712 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, 159) }
```

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

```
.background{ background-color: rgb(255,  
126, 159) }
```

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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