

Converting Colors

XYZ(57.5644, 38.5380, 54.7574)

Have a look what the booklet for
XYZ(57.5644, 38.5380, 54.7574)
contains.

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Color

**XYZ(57.5821, 38.5432,
54.8567)**

Conversions

Conversions Part 1

Format	Color
Hex	FF78C1
RGB	255, 120, 193
RGB Percent	100%, 47%, 76%
CMY	0.0000, 0.5294, 0.2431
CMYK	0.00, 0.53, 0.24, 0.00
HSL	328°, 100%, 74%
HSV	328°, 53%, 100%
XYZ	57.5821, 38.5432, 54.8567
YIQ	168.6870, 57.0270, 51.3230

Conversions

Conversions Part 2

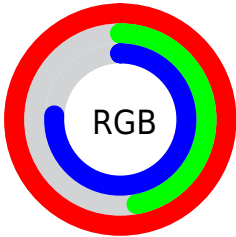
Format	Color
R_{YB}	255, 120, 193
Decimal	16742593
CIE _{Lab}	68.42, 59.20, -13.59
CIE _{LCh}	68, 60.742, 347.069
Yxy	38.5432, 0.3814, 0.2553
Android (android.graphics.Color)	4294932673 (0xFFFF78C1)
YUV	168.6870, 11.9863, 75.6965
Hunter-Lab	62.0832, 56.9131, -8.9304

Details

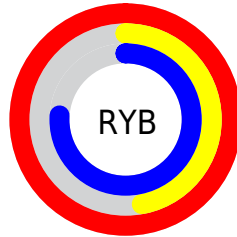
The XYZ color **57.5821, 38.5432, 54.8567** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **51.9510, 78.8913, 56.7491**, and the grayscale version is **37.4818, 39.4338, 42.9434**.

A 20% lighter version of the original color is **73.8642, 59.1502, 97.1466**, and **28.9993, 17.1330, 26.2047** is the 20% darker color. If you saturate the color by 10%, you get **53.6582, 32.7040, 47.3561**, and if you desaturate by 10%, it is **62.4279, 46.0601, 63.1759**.

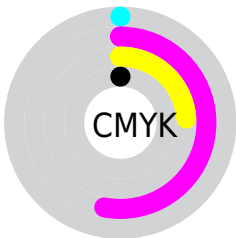
Distribution



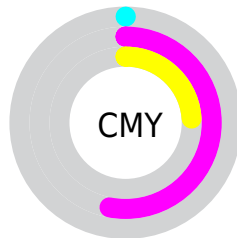
- Red (100%)
- Green (47%)
- Blue (76%)



- Red (100%)
- Yellow (47%)
- Blue (76%)



- Cyan (0%)
- Magenta (53%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (53%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5821, 38.5432, 54.8567 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 57.5821, 38.5432, 54.8567 by changing the saturation by 10% instead.


 57.5821, 38.5432,
54.8567


 57.5821, 38.5432,
54.8567


405.6059,
339.9444, 422.6351


 41.7147, 26.4046,
38.8892

 100.4405, 72.9400,
98.8000

 29.0681, 17.1265,
26.3664


 128.1623, 95.9669,
127.6129

 19.2769, 10.3247,
16.8697


 160.5662,
123.3920, 161.5446

 11.9757, 5.6148,
9.9807

198.0177,
155.5997, 201.0137

 6.7992, 2.6123,
5.2807

240.8820,
192.9744, 246.4388

 3.3821, 0.9329,
2.3513

289.5246,

 1.3589, 0.0000,

235.9005, 298.2384

0.7597

344.3108,
284.7624, 356.8310

■ 0.2266, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5821, 38.5432,
54.8567

■ 57.5821, 38.5432,
54.8567

■ 53.6582, 32.7040,
47.3561

■ 62.4279, 46.0601,
63.1759

■ 50.5844, 28.4035,
40.6373

■ 68.2539, 55.3685,
72.3433

■ 48.2824, 25.4889,
34.6623

■ 75.1170, 66.5782,
82.3893

■ 46.6567, 23.7730,
29.3866

■ 83.0687, 79.7887,
93.3417

■ 45.8190, 23.0916,
26.0428

■ 92.1570, 95.0927,
105.2269

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.



51.7755, 38.5432, 88.8905



57.5821, 38.5432, 54.8567



57.1198, 38.5432, 28.3565

Triad

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



57.5821, 38.5432, 54.8567



31.5086, 38.5432, 9.1127



25.5052, 38.5432, 93.3894

Complementary

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



57.5821, 38.5432, 54.8567



51.9510, 78.8913, 56.7491

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.



21.7459, 38.5432, 59.3559



57.5821, 38.5432, 54.8567



24.7764, 38.5432, 15.3884

Square

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



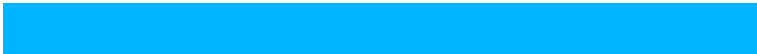
57.5821, 38.5432, 54.8567



40.8948, 38.5432, 8.7625



21.5046, 38.5432, 31.2733



32.6802, 38.5432, 116.8302

Rectangle

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



57.5821, 38.5432, 54.8567



53.3091, 38.5432, 17.5947



21.5046, 38.5432, 31.2733



23.8588, 38.5432, 82.2736

Sweetspot

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



57.5831, 38.5450, 54.8574



80.5156, 75.5258, 89.8904



43.7658, 30.4488, 98.1782



16.8789, 15.5755, 18.7540



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.



57.5831, 38.5450, 54.8574



53.2927, 32.1768, 46.6062



51.7723, 36.2207, 24.2584



18.4202, 18.1514, 20.8297



24.0177, 12.0964, 14.0098



2.3937, 1.1999, 1.6547

Inverse Universe

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



57.5831, 38.5450, 54.8574



53.2927, 32.1768, 46.6062



60.4889, 82.3065, 101.7094



18.4202, 18.1514, 20.8297



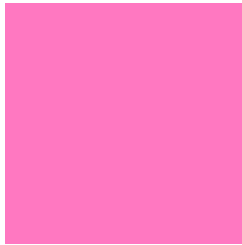
24.0177, 12.0964, 14.0098



2.3937, 1.1999, 1.6547

Previews

White Background



This preview shows how the XYZ color 57.5821, 38.5432, 54.8567 looks on a white background.

Color Contrast Check

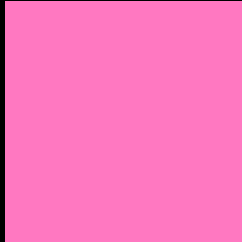
Large Text (above 18pt) WCAG AA × Fail

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 57.5821, 38.5432, 54.8567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

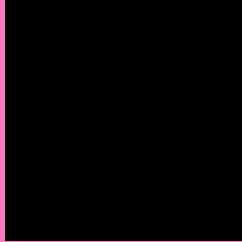
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5821, 38.5432, 54.8567

Background



This preview shows how black text looks on a background with the XYZ color 57.5821, 38.5432, 54.8567.



This preview shows how white text looks on a background with the XYZ color 57.5821, 38.5432,

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

57.5821, 38.5432, 54.8567

Protanopia

39.6722, 38.8714, 75.9330

Deuteranopia

39.6393, 38.8535, 51.8646



Tritanopia

52.2743, 38.4500, 29.4774

Trichromacy



Original Color

57.5821, 38.5432, 54.8567



Protanomaly

43.7440, 37.1178, 67.8097



Deuteranomaly

44.5209, 37.3789, 53.0125



Tritanomaly

53.9923, 38.3774, 37.3628

Monochromacy



Original Color

57.5821, 38.5432, 54.8567



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

42.9219, 37.6269, 47.1200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5821, 38.5432, 54.8567 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, 120, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 193)  
}
```

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, 120, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 193) }
```

Border

The CSS property to change the border of an element to XYZ 57.5821, 38.5432, 54.8567 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, 120, 193) }
```


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

```
.border{ border-color:rgb(255, 120, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 120, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5821, 38.5432, 54.8567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 193) }
```

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

```
.background{ background-color: rgb(255,  
120, 193) }
```

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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