

Converting Colors

XYZ(78.4749, 50.4981, 37.2251)

Have a look what the booklet for
XYZ(78.4749, 50.4981, 37.2251)
contains.

XYZ(54.4484, 38.0756, 35.9321)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.4484, 38.0756,
35.9321)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7C9C
RGB	255, 124, 156
RGB Percent	100%, 49%, 61%
CMY	0.0000, 0.5137, 0.3882
CMYK	0.00, 0.51, 0.39, 0.00
HSL	345°, 100%, 74%
HSV	345°, 51%, 100%
XYZ	54.4484, 38.0756, 35.9321
YIQ	166.8170, 67.8040, 37.7240

Conversions

Conversions Part 2

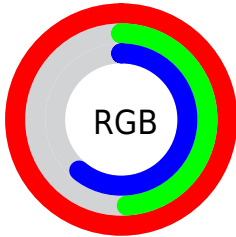
Format	Color
R _Y B	255, 124, 156
Decimal	16743580
CIE Lab	68.08, 52.86, 6.75
CIE LCh	68, 53.290, 7.277
Yxy	38.0756, 0.4239, 0.2964
Android (android.graphics.Color)	4294933660 (0xFFFF7C9C)
YUV	166.8170, -5.3328, 77.3365
Hunter-Lab	61.7054, 49.5225, 8.6682

Details

The XYZ color **54.4484, 38.0756, 35.9321** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **57.3935, 81.1337, 82.4522**, and the grayscale version is **36.6448, 38.5532, 41.9844**.

A 20% lighter version of the original color is **69.1941, 58.5557, 68.6282**, and **27.1836, 16.8783, 15.1897** is the 20% darker color. If you saturate the color by 10%, you get **50.1512, 31.8890, 27.0770**, and if you desaturate by 10%, it is **59.8326, 46.0218, 46.4277**.

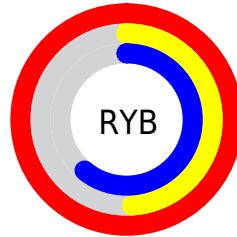
Distribution



Red (100%)

Green (49%)

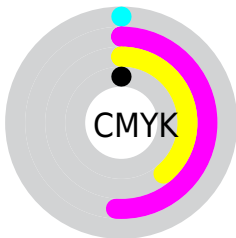
Blue (61%)



Red (100%)

Yellow (49%)

Blue (61%)

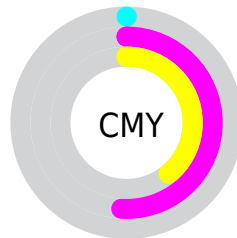


Cyan (0%)

Magenta (51%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4484, 38.0756, 35.9321 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 54.4484, 38.0756, 35.9321 by changing the saturation by 10% instead.


 54.4484, 38.0756,
35.9321


 54.4484, 38.0756,
35.9321


393.9881,
337.9442, 343.6921

 39.1924, 26.0414,
24.0925

 95.8853, 72.2240,
70.0951

 27.0908, 16.8546,
15.1894


 122.7970, 95.1070,
93.2556

 17.7784, 10.1309,
8.8043


 154.3245,
122.3749, 121.0268

 10.8897, 5.4858,
4.5187

190.8333,
154.4124, 153.8272

 6.0595, 2.5350,
1.9140

232.6887,
191.6036, 192.0754

 2.9223, 0.8941,
0.5016

280.2560,

 1.1128, 0.0000,

234.3330, 236.1899

0.0000

333.9007,
282.9851, 286.5893

■ 0.0358, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4484, 38.0756,
35.9321

■ 54.4484, 38.0756,
35.9321

■ 50.1512, 31.8890,
27.0770

■ 59.8326, 46.0218,
46.4277

■ 46.8609, 27.3212,
19.7745

■ 66.3704, 55.8425,
58.6409

■ 44.4903, 24.2192,
13.9310

■ 74.1262, 67.6498,
72.6465

■ 42.9352, 22.3973,
9.4408

■ 83.1591, 81.5452,
88.5141

■ 42.1172, 21.6109,
6.5494

■ 93.5239, 97.6231,
106.3093

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.



53.0031, 38.0756, 61.7464



54.4484, 38.0756, 35.9321



50.4378, 38.0756, 19.4736

Triad

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



54.4484, 38.0756, 35.9321



27.3559, 38.0756, 14.6805



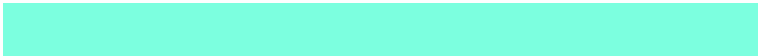
30.3664, 38.0756, 99.5483

Complementary

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



54.4484, 38.0756, 35.9321



57.3935, 81.1337, 82.4522

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.



24.9145, 38.0756, 75.7739



54.4484, 38.0756, 35.9321



23.3710, 38.0756, 26.1854

Square

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



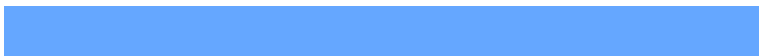
54.4484, 38.0756, 35.9321



34.2050, 38.0756, 10.6322



22.5510, 38.0756, 47.5229



38.2497, 38.0756, 105.3615

Rectangle

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



54.4484, 38.0756, 35.9321



45.5243, 38.0756, 13.6621



22.5510, 38.0756, 47.5229



28.2272, 38.0756, 93.0468

Sweetspot

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



54.4494, 38.0776, 35.9328



79.7286, 76.2530, 82.5339



55.4600, 37.2066, 98.8662



16.6559, 15.6914, 16.9471



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.



54.4494, 38.0776, 35.9328



49.9149, 31.5547, 26.5717



56.8942, 46.7468, 25.0957



18.1913, 18.0598, 19.6243



22.0561, 11.3117, 3.6797



2.1885, 1.1178, 0.5739

Inverse Universe

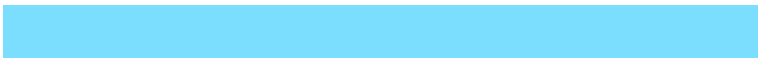
The Inverse Universe completely reimagines the original color for something new.



54.4494, 38.0776, 35.9328



49.9149, 31.5547, 26.5717



52.5515, 63.8821, 104.1684



18.1913, 18.0598, 19.6243



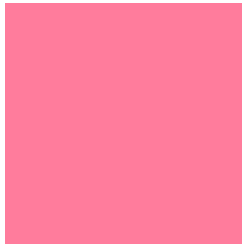
22.0561, 11.3117, 3.6797



2.1885, 1.1178, 0.5739

Previews

White Background



This preview shows how the XYZ color 54.4484, 38.0756, 35.9321 looks on a white background.

Color Contrast Check

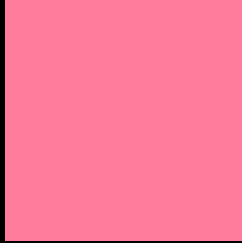
Large Text (above 18pt) WCAG AA × Fail

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 54.4484, 38.0756, 35.9321 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 54.4484, 38.0756, 35.9321

Background



This preview shows how black text looks on a background with the XYZ color 54.4484, 38.0756, 35.9321.



This preview shows how white text looks on a background with the XYZ color 54.4484, 38.0756,

35.9321.

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

54.4484, 38.0756, 35.9321

Protanopia

37.2104, 38.2049, 48.5931

Deuteranopia

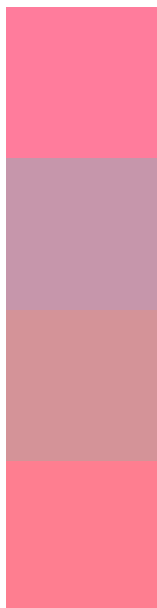
38.8149, 38.0350, 34.1499



Tritanopia

52.6127, 37.8675, 28.2031

Trichromacy



Original Color

54.4484, 38.0756, 35.9321

Protanomaly

41.5457, 36.7587, 43.4335

Deuteranomaly

43.2526, 37.1315, 34.5932

Tritanomaly

53.3679, 38.0062, 30.9087

Monochromacy



Original Color

54.4484, 38.0756, 35.9321

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

41.2307, 36.9197, 39.6034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4484, 38.0756, 35.9321 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, 124, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 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, 124, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 156) }
```

Border

The CSS property to change the border of an element to XYZ 54.4484, 38.0756, 35.9321 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, 124, 156) }
```


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

```
.border{ border-color:rgb(255, 124, 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, 124, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4484, 38.0756, 35.9321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 156) }
```

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

```
.background{ background-color: rgb(255,  
124, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor