

Converting Colors

XYZ(73.0742, 48.2781, 35.6283)

Have a look what the booklet for
XYZ(73.0742, 48.2781, 35.6283)
contains.

XYZ(54.5791, 38.7387, 34.7377)	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(54.5791, 38.7387,
34.7377)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7F99
RGB	255, 127, 153
RGB Percent	100%, 50%, 60%
CMY	0.0000, 0.5019, 0.4000
CMYK	0.00, 0.50, 0.40, 0.00
HSL	348°, 100%, 75%
HSV	348°, 50%, 100%
XYZ	54.5791, 38.7387, 34.7377
YIQ	168.2360, 67.9420, 35.2220

Conversions

Conversions Part 2

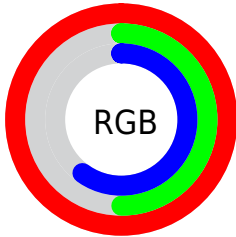
Format	Color
R _Y B	255, 127, 153
Decimal	16744345
CIE Lab	68.56, 51.10, 9.14
CIE LCh	69, 51.911, 10.135
Yxy	38.7387, 0.4262, 0.3025
Android (android.graphics.Color)	4294934425 (0xFFFF7F99)
YUV	168.2360, -7.5113, 76.0920
Hunter-Lab	62.2404, 47.6073, 10.4773

Details

The XYZ color **54.5791, 38.7387, 34.7377** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **58.6573, 81.6899, 86.8098**, and the grayscale version is **37.3490, 39.2941, 42.7912**.

A 20% lighter version of the original color is **69.4360, 59.6320, 66.8819**, and **27.2865, 17.3265, 14.4766** is the 20% darker color. If you saturate the color by 10%, you get **50.1546, 32.3509, 25.6753**, and if you desaturate by 10%, it is **60.1248, 46.9113, 45.5847**.

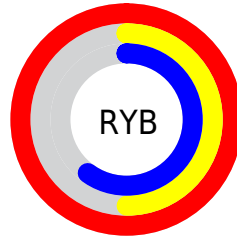
Distribution



Red (100%)

Green (50%)

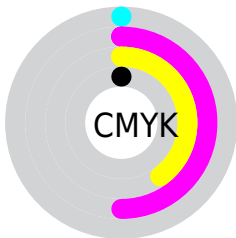
Blue (60%)



Red (100%)

Yellow (50%)

Blue (60%)

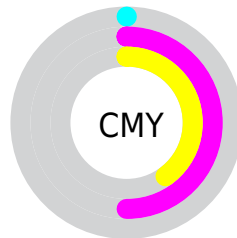


Cyan (0%)

Magenta (50%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5791, 38.7387, 34.7377 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 54.5791, 38.7387, 34.7377 by changing the saturation by 10% instead.


 54.5791, 38.7387,
34.7377


 54.5791, 38.7387,
34.7377


394.4769,
340.7783, 338.2781


 39.2973, 26.5565,
23.1790

 96.0759, 73.2390,
68.2262

 27.1729, 17.2404,
14.5192


 123.0217, 96.3258,
90.9930

 17.8404, 10.4061,
8.3398


 154.5862,
123.8164, 118.3329

 10.9344, 5.6690,
4.2222

191.1348,
156.0950, 150.6645

 6.0897, 2.6449,
1.7480

233.0328,
193.5462, 188.4062

 2.9409, 0.9493,
0.3933

280.6455,

 1.1226, 0.0000,

236.5541, 231.9767

0.0000

334.3385,
285.5034, 281.7945

■ 0.0439, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5791, 38.7387,
34.7377

■ 54.5791, 38.7387,
34.7377

■ 50.1546, 32.3509,
25.6753

■ 60.1248, 46.9113,
45.5847

■ 46.7695, 27.6078,
18.2978

■ 66.8595, 56.9829,
58.3043

■ 44.3357, 24.3582,
12.4985

■ 74.8491, 69.0654,
72.9809

■ 42.7481, 22.4197,
8.1567

■ 84.1538, 83.2599,
89.6932

■ 41.8549, 21.5059,
5.1687

94.8300, 99.6611,
108.5154

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



53.6862, 38.7387, 59.4165



54.5791, 38.7387, 34.7377



50.2046, 38.7387, 19.2931

Triad

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



54.5791, 38.7387, 34.7377



27.5817, 38.7387, 16.2599



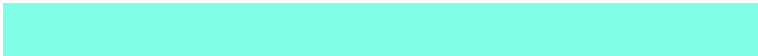
31.7288, 38.7387, 100.3280

Complementary

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



54.5791, 38.7387, 34.7377



58.6573, 81.6899, 86.8098

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.



26.0546, 38.7387, 78.3977



54.5791, 38.7387, 34.7377



23.9175, 38.7387, 28.6477

Square

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



54.5791, 38.7387, 34.7377



34.1204, 38.7387, 11.5570



23.4032, 38.7387, 50.6156



39.6584, 38.7387, 103.8935

Rectangle

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



54.5791, 38.7387, 34.7377



45.2224, 38.7387, 13.9305



23.4032, 38.7387, 50.6156



29.5286, 38.7387, 94.5580

Sweetspot

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



54.5801, 38.7407, 34.7384



79.5134, 76.1669, 81.4007



57.4036, 38.7753, 99.0663



16.6046, 15.6709, 16.6772



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.



54.5801, 38.7407, 34.7384



50.2300, 32.4582, 25.8339



58.2168, 49.0836, 26.4872



18.1602, 18.0474, 19.4608



21.9123, 11.2542, 2.9229



2.1704, 1.1105, 0.4789

Inverse Universe

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



54.5801, 38.7407, 34.7384



50.2300, 32.4582, 25.8339



52.0661, 62.2577, 103.8802



18.1602, 18.0474, 19.4608



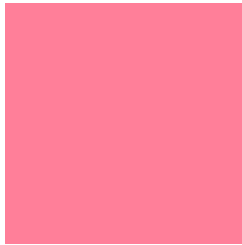
21.9123, 11.2542, 2.9229



2.1704, 1.1105, 0.4789

Previews

White Background



This preview shows how the XYZ color 54.5791, 38.7387, 34.7377 looks on a white background.

Color Contrast Check

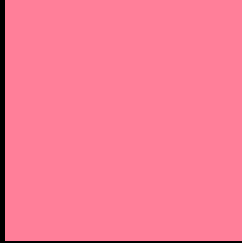
Large Text (above 18pt) WCAG AA × Fail

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 54.5791, 38.7387, 34.7377 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 54.5791, 38.7387, 34.7377

Background



This preview shows how black text looks on a background with the XYZ color 54.5791, 38.7387, 34.7377.



This preview shows how white text looks on a background with the XYZ color 54.5791, 38.7387,

34.7377.

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

54.5791, 38.7387, 34.7377

Protanopia

37.7050, 39.0574, 46.1090

Deuteranopia

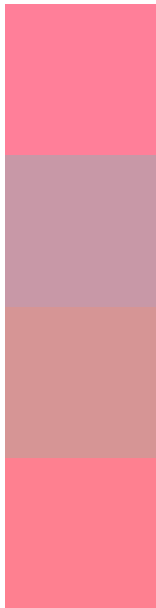
39.4972, 38.6727, 32.9866



Tritanopia

53.3835, 38.6354, 29.0699

Trichromacy



Original Color

54.5791, 38.7387, 34.7377

Protanomaly

42.0227, 37.5259, 41.5876

Deuteranomaly

43.9038, 37.9610, 33.4470

Tritanomaly

53.6263, 38.5228, 30.9948

Monochromacy



Original Color

54.5791, 38.7387, 34.7377

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 54.5791, 38.7387, 34.7377 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, 127, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 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, 127, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 153) }
```

Border

The CSS property to change the border of an element to XYZ 54.5791, 38.7387, 34.7377 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, 127, 153) }
```


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

```
.border{ border-color:rgb(255, 127, 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, 127, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 127, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 127, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 127,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5791, 38.7387, 34.7377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 127, 153) }
```

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

```
.background{ background-color: rgb(255,  
127, 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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