

Converting Colors

XYZ(55.0009, 38.9074, 36.9588)

Have a look what the booklet for
XYZ(55.0009, 38.9074, 36.9588)
contains.

XYZ(55.0009, 38.9074, 36.9588)	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(55.0009, 38.9074,
36.9588)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7F9E
RGB	255, 127, 158
RGB Percent	100%, 50%, 62%
CMY	0.0000, 0.5019, 0.3804
CMYK	0.00, 0.50, 0.38, 0.00
HSL	345°, 100%, 75%
HSV	345°, 50%, 100%
XYZ	55.0009, 38.9074, 36.9588
YIQ	168.8060, 66.3370, 36.7770

Conversions

Conversions Part 2

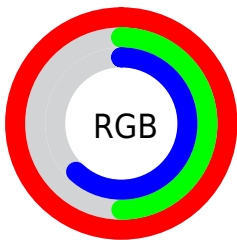
Format	Color
R _Y B	255, 127, 158
Decimal	16744350
CIE Lab	68.68, 51.64, 6.49
CIE LCh	69, 52.048, 7.167
Yxy	38.9074, 0.4203, 0.2973
Android (android.graphics.Color)	4294934430 (0xFFFF7F9E)
YUV	168.8060, -5.3274, 75.5921
Hunter-Lab	62.3758, 48.2377, 8.5326

Details

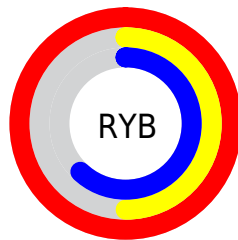
The XYZ color **55.0009, 38.9074, 36.9588** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **57.9690, 81.4147, 83.1851**, and the grayscale version is **37.6200, 39.5792, 43.1017**.

A 20% lighter version of the original color is **70.0572, 59.8804, 70.1530**, and **27.5421, 17.4287, 15.8224** is the 20% darker color. If you saturate the color by 10%, you get **50.5796, 32.5209, 27.9134**, and if you desaturate by 10%, it is **60.5191, 47.0690, 47.6611**.

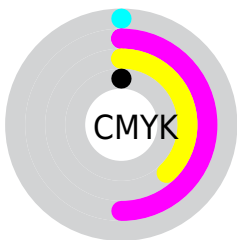
Distribution



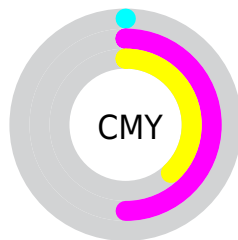
- Red (100%)
- Green (50%)
- Blue (62%)



- Red (100%)
- Yellow (50%)
- Blue (62%)



- Cyan (0%)
- Magenta (50%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0009, 38.9074, 36.9588 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 55.0009, 38.9074, 36.9588 by changing the saturation by 10% instead.


 55.0009, 38.9074,
36.9588

 55.0009, 38.9074,
36.9588


396.0517,
341.4966, 348.2954


 39.6363, 26.6877,
24.8801


 96.6906, 73.4968,
71.6950

 27.4380, 17.3388,
15.7695


 123.7464, 96.6354,
95.1896

 18.0408, 10.4764,
9.2086


 155.4299,
124.1823, 123.3265

 11.0791, 5.7159,
4.7788

192.1066,
156.5220, 156.5244

 6.1878, 2.6731,
2.0616

234.1418,
194.0389, 195.2016

 3.0013, 0.9636,
0.5928

281.9008,

 1.1545, 0.0000,

237.1174, 239.7769

0.0000

335.7490,
286.1418, 290.6686

■ 0.0700, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0009, 38.9074,
36.9588

■ 55.0009, 38.9074,
36.9588

■ 50.5796, 32.5209,
27.9134

■ 60.5191, 47.0690,
47.6611

■ 47.1758, 27.7703,
20.4371

■ 67.2000, 57.1191,
60.0974

■ 44.7038, 24.5054,
14.4369

■ 75.1076, 69.1687,
74.3421

■ 43.0617, 22.5452,
9.8078

■ 84.3004, 83.3185,
90.4650

■ 42.1025, 21.6050,
6.4724

94.8331, 99.6623,
108.5317

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



53.5596, 38.9074, 62.4875



55.0009, 38.9074, 36.9588



51.0727, 38.9074, 20.4646

Triad

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



55.0009, 38.9074, 36.9588



28.2230, 38.9074, 15.5458



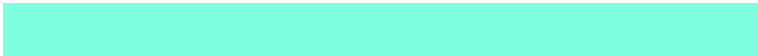
31.1753, 38.9074, 99.3382

Complementary

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



55.0009, 38.9074, 36.9588



57.9690, 81.4147, 83.1851

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.



25.7526, 38.9074, 76.0515



55.0009, 38.9074, 36.9588



24.2329, 38.9074, 27.1032

Square

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



55.0009, 38.9074, 36.9588



35.0416, 38.9074, 11.4372



23.4007, 38.9074, 48.2711



38.9893, 38.9074, 105.0866

Rectangle

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



55.0009, 38.9074, 36.9588



46.2374, 38.9074, 14.5601



23.4007, 38.9074, 48.2711



29.0494, 38.9074, 92.9715

Sweetspot

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



55.0019, 38.9094, 36.9595



79.7176, 76.2486, 82.4762



56.0723, 38.0890, 99.0041



16.6532, 15.6904, 16.9333



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.



55.0019, 38.9094, 36.9595



50.6551, 32.6282, 28.0728



57.4703, 47.5908, 26.2383



18.1897, 18.0592, 19.6160



22.0481, 11.3085, 3.6377



2.1875, 1.1174, 0.5688

Inverse Universe

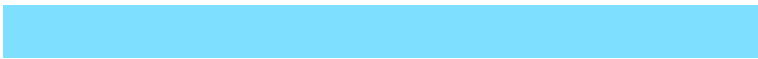
The Inverse Universe completely reimagines the original color for something new.



55.0019, 38.9094, 36.9595



50.6551, 32.6282, 28.0728



53.1917, 64.5089, 104.2555



18.1897, 18.0592, 19.6160



22.0481, 11.3085, 3.6377



2.1875, 1.1174, 0.5688

Previews

White Background



This preview shows how the XYZ color 55.0009, 38.9074, 36.9588 looks on a white background.

Color Contrast Check

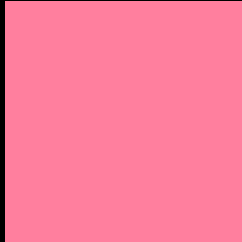
Large Text (above 18pt) WCAG AA × Fail

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 55.0009, 38.9074, 36.9588 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 55.0009, 38.9074, 36.9588

Background



This preview shows how black text looks on a background with the XYZ color 55.0009, 38.9074, 36.9588.



This preview shows how white text looks on a background with the XYZ color 55.0009, 38.9074,

36.9588.

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

55.0009, 38.9074, 36.9588

Protanopia

38.0956, 39.1891, 49.2725

Deuteranopia

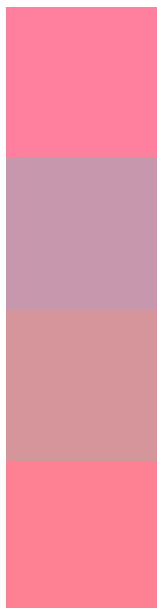
39.8230, 39.0548, 35.1452



Tritanopia

53.5893, 38.9295, 29.5006

Trichromacy



Original Color

55.0009, 38.9074, 36.9588

Protanomaly

42.3242, 37.6157, 44.5650

Deuteranomaly

44.3117, 38.1241, 35.5951

Tritanomaly

53.9898, 38.8779, 32.2624

Monochromacy



Original Color

55.0009, 38.9074, 36.9588

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

42.1665, 38.1072, 40.7303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0009, 38.9074, 36.9588 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 158) }
```

Border

The CSS property to change the border of an element to XYZ 55.0009, 38.9074, 36.9588 is called "border". The border property can be set on classes, ids or directly on the HTML element.

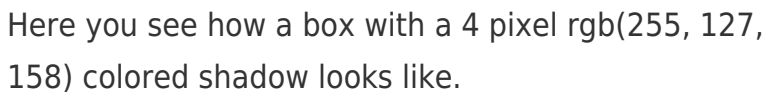
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 127, 158) }
```


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

```
.border{ border-color:rgb(255, 127, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 127, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 127, 158); box-shadow:4px 4px 4px 4px rgb(255, 127, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0009, 38.9074, 36.9588 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, 158) }
```

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

```
.background{ background-color: rgb(255,  
127, 158) }
```

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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