

Converting Colors

XYZ(58.3109, 41.0480, 38.1699)

Have a look what the booklet for
XYZ(58.3109, 41.0480, 38.1699)
contains.

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Color

**XYZ(55.4354, 39.4986,
37.9599)**

Conversions

Conversions Part 1

Format	Color
Hex	FF81A0
RGB	255, 129, 160
RGB Percent	100%, 51%, 63%
CMY	0.0000, 0.4941, 0.3725
CMYK	0.00, 0.49, 0.37, 0.00
HSL	345°, 100%, 75%
HSV	345°, 49%, 100%
XYZ	55.4354, 39.4986, 37.9599
YIQ	170.2080, 65.1450, 36.3530

Conversions

Conversions Part 2

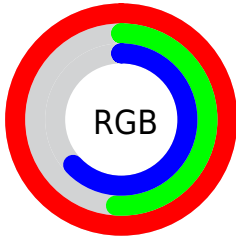
Format	Color
R _Y B	255, 129, 160
Decimal	16744864
CIE Lab	69.11, 50.90, 5.98
CIE LCh	69, 51.246, 6.702
Yxy	39.4986, 0.4171, 0.2972
Android (android.graphics.Color)	4294934944 (0xFFFF81A0)
YUV	170.2080, -5.0325, 74.3626
Hunter-Lab	62.8479, 47.4632, 8.1826

Details

The XYZ color **55.4354, 39.4986, 37.9599** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **58.2699, 81.5698, 83.1992**, and the grayscale version is **38.3150, 40.3104, 43.8980**.

A 20% lighter version of the original color is **70.8547, 60.8642, 72.3035**, and **27.7821, 17.7384, 16.4276** is the 20% darker color. If you saturate the color by 10%, you get **50.9317, 32.9781, 28.7921**, and if you desaturate by 10%, it is **61.0393, 47.8030, 48.7786**.

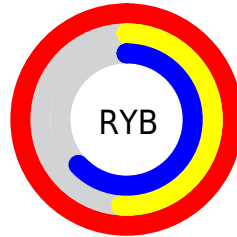
Distribution



Red (100%)

Green (51%)

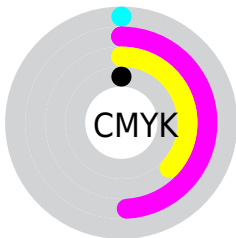
Blue (63%)



Red (100%)

Yellow (51%)

Blue (63%)

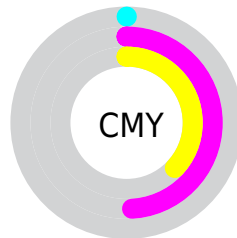


Cyan (0%)

Magenta (49%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4354, 39.4986, 37.9599 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 55.4354, 39.4986, 37.9599 by changing the saturation by 10% instead.


 55.4354, 39.4986,
37.9599


 55.4354, 39.4986,
37.9599


397.6699,
344.0057, 352.7409


 39.9856, 27.1478,
25.6500


 97.3232, 74.3994,
73.2494

 27.7115, 17.6843,
16.3386


 124.4920, 97.7182,
97.0661

 18.2476, 10.7236,
9.6071


 156.2978,
125.4618, 125.5554

 11.2287, 5.8813,
5.0371


193.1060,
158.0146, 159.1360

 6.2893, 2.7730,
2.2099

235.2819,
195.7610, 198.2262

 3.0641, 1.0144,
0.6801

283.1910,

 1.1878, 0.0000,

239.0854, 243.2448

0.0000

337.1985,
288.3722, 294.6102

■ 0.0967, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4354, 39.4986,
37.9599

■ 55.4354, 39.4986,
37.9599

■ 50.9317, 32.9781,
28.7921

■ 61.0393, 47.8030,
48.7786

■ 47.4497, 28.1038,
21.1890

■ 67.8084, 58.0038,
61.3237

■ 44.9049, 24.7272,
15.0596

■ 75.8063, 70.2112,
75.6686

■ 43.1970, 22.6702,
10.3013

■ 85.0909, 84.5252,
91.8817

■ 42.1779, 21.6613, 95.0500, 100.0000,
6.7884 108.9000

■ 42.1296, 21.6158,
6.6147

Harmonies

Analogous

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



53.9253, 39.4986, 63.4023



55.4354, 39.4986, 37.9599



51.6213, 39.4986, 21.3078

Triad

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



55.4354, 39.4986, 37.9599



28.9026, 39.4986, 16.0531



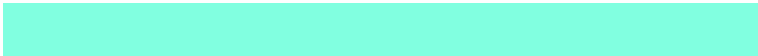
31.6573, 39.4986, 99.0835

Complementary

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



55.4354, 39.4986, 37.9599



58.2699, 81.5698, 83.1992

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.



26.2885, 39.4986, 75.9477



55.4354, 39.4986, 37.9599



24.8670, 39.4986, 27.5349

Square

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



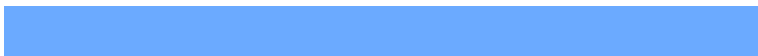
55.4354, 39.4986, 37.9599



35.7358, 39.4986, 11.9842



23.9846, 39.4986, 48.4833



39.4086, 39.4986, 105.0716

Rectangle

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



55.4354, 39.4986, 37.9599



46.8586, 39.4986, 15.2701



23.9846, 39.4986, 48.4833



29.5506, 39.4986, 92.7298

Sweetspot

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



55.4365, 39.5006, 37.9606



79.7378, 76.2567, 82.5825



56.4875, 38.6903, 99.0984



16.6580, 15.6923, 16.9587



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.



55.4365, 39.5006, 37.9606



51.0953, 33.2115, 29.1356



57.8616, 48.1625, 27.0182



18.1926, 18.0603, 19.6313



22.0628, 11.3144, 3.7153



2.1893, 1.1181, 0.5783

Inverse Universe

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



55.4365, 39.5006, 37.9606



51.0953, 33.2115, 29.1356



53.6264, 64.9316, 104.3143



18.1926, 18.0603, 19.6313



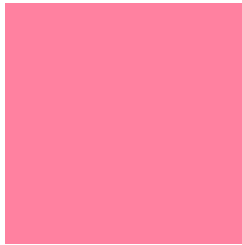
22.0628, 11.3144, 3.7153



2.1893, 1.1181, 0.5783

Previews

White Background



This preview shows how the XYZ color 55.4354, 39.4986, 37.9599 looks on a white background.

Color Contrast Check

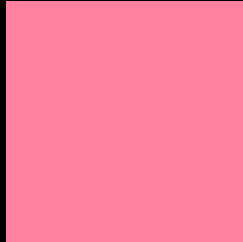
Large Text (above 18pt) WCAG AA × Fail

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 55.4354, 39.4986, 37.9599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

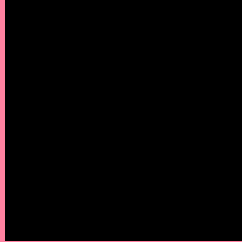
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4354, 39.4986, 37.9599

Background



This preview shows how black text looks on a background with the XYZ color 55.4354, 39.4986, 37.9599.



This preview shows how white text looks on a background with the XYZ color 55.4354, 39.4986,

37.9599.

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

55.4354, 39.4986, 37.9599

Protanopia

38.5946, 39.7075, 49.8861

Deuteranopia

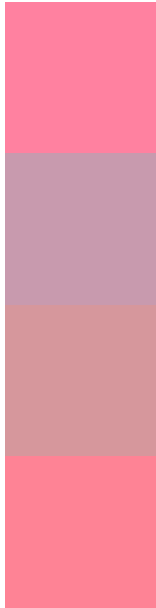
40.4158, 39.6038, 36.0860



Tritanopia

53.6418, 39.3382, 30.3570

Trichromacy



Original Color

55.4354, 39.4986, 37.9599

Protanomaly

43.0150, 38.4466, 45.1982

Deuteranomaly

44.7989, 38.8297, 36.5862

Tritanomaly

54.4142, 39.4734, 33.1849

Monochromacy



Original Color

55.4354, 39.4986, 37.9599

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

42.6917, 38.6134, 41.2794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4354, 39.4986, 37.9599 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, 129, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 160)  
}
```

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, 129, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 160) }
```

Border

The CSS property to change the border of an element to XYZ 55.4354, 39.4986, 37.9599 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, 129, 160) }
```


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

```
.border{ border-color:rgb(255, 129, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4354, 39.4986, 37.9599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 160) }
```

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

```
.background{ background-color: rgb(255,  
129, 160) }
```

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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