

Converting Colors

XYZ(80.6115, 53.2393, 35.4892)

Have a look what the booklet for
XYZ(80.6115, 53.2393, 35.4892)
contains.

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Color

**XYZ(55.0772, 39.9969,
34.0954)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8497
RGB	255, 132, 151
RGB Percent	100%, 52%, 59%
CMY	0.0000, 0.4823, 0.4078
CMYK	0.00, 0.48, 0.41, 0.00
HSL	351°, 100%, 76%
HSV	351°, 48%, 100%
XYZ	55.0772, 39.9969, 34.0954
YIQ	170.9430, 67.2090, 31.9850

Conversions

Conversions Part 2

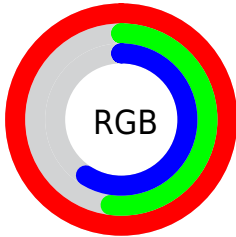
Format	Color
R _Y B	255, 132, 151
Decimal	16745623
CIE Lab	69.47, 48.46, 11.54
CIE LCh	69, 49.814, 13.400
Yxy	39.9969, 0.4264, 0.3096
Android (android.graphics.Color)	4294935703 (0xFFFF8497)
YUV	170.9430, -9.8319, 73.7180
Hunter-Lab	63.2431, 44.7768, 12.3060

Details

The XYZ color **55.0772, 39.9969, 34.0954** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.4182, 82.4826, 92.0983**, and the grayscale version is **38.7054, 40.7211, 44.3453**.

A 20% lighter version of the original color is **70.0298, 61.2084, 65.8810**, and **27.5303, 17.9710, 14.0743** is the 20% darker color. If you saturate the color by 10%, you get **50.4382, 33.2696, 24.6854**, and if you desaturate by 10%, it is **60.8836, 48.5463, 45.4752**.

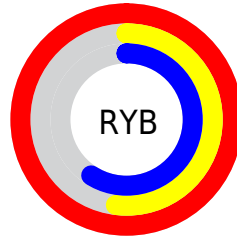
Distribution



Red (100%)

Green (52%)

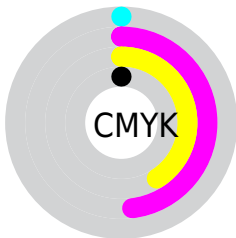
Blue (59%)



Red (100%)

Yellow (52%)

Blue (59%)

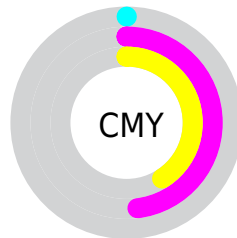


Cyan (0%)

Magenta (48%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (48%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0772, 39.9969, 34.0954 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 55.0772, 39.9969, 34.0954 by changing the saturation by 10% instead.


 55.0772, 39.9969,
34.0954

 55.0772, 39.9969,
34.0954


396.3362,
346.1105, 335.3394


 39.6976, 27.5361,
22.6889


 96.8017, 75.1588,
67.2176

 27.4860, 17.9763,
14.1609


 123.8774, 98.6287,
89.7704

 18.0770, 10.9330,
8.0926


 155.5824,
126.5371, 116.8757

 11.1053, 6.0218,
4.0656

192.2822,
159.2684, 148.9522

 6.2055, 2.8583,
1.6614

234.3422,
197.2070, 186.4182

 3.0123, 1.0582,
0.3341

282.1275,

 1.1603, 0.0000,

240.7373, 229.6924

0.0000

336.0038,
290.2437, 279.1932

■ 0.0747, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0772, 39.9969,
34.0954

■ 55.0772, 39.9969,
34.0954

■ 50.4382, 33.2696,
24.6854

■ 60.8836, 48.5463,
45.4752

■ 46.8832, 28.2261,
17.1301

■ 67.9267, 59.0307,
58.9266

■ 44.3228, 24.7178,
11.3056

■ 76.2740, 71.5613,
74.5465

■ 42.6514, 22.5677,
7.0715

■ 85.9875, 86.2389,
92.4256

■ 41.7285, 21.5337, 95.0500, 100.0000,
4.2609 108.9000

■ 41.6125, 21.4090,
3.8917

Harmonies

Analogous

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



54.7923, 39.9969, 57.4252



55.0772, 39.9969, 34.0954



50.3575, 39.9969, 19.7067

Triad

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



55.0772, 39.9969, 34.0954



28.3739, 39.9969, 18.6966



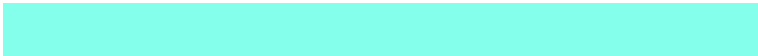
33.7782, 39.9969, 101.0670

Complementary

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



55.0772, 39.9969, 34.0954



60.4182, 82.4826, 92.0983

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.



27.8758, 39.9969, 81.4896



55.0772, 39.9969, 34.0954



25.0695, 39.9969, 32.1116

Square

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



55.0772, 39.9969, 34.0954



34.5528, 39.9969, 13.1661



24.9010, 39.9969, 54.6080



41.7029, 39.9969, 102.1901

Rectangle

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



55.0772, 39.9969, 34.0954



45.3474, 39.9969, 14.7930



24.9010, 39.9969, 54.6080



31.5204, 39.9969, 96.1803

Sweetspot

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



55.0783, 39.9989, 34.0961



80.2150, 77.5058, 81.8328



60.3988, 41.3019, 99.3964



16.7327, 15.9304, 16.7096



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.



55.0783, 39.9989, 34.0961



50.5333, 33.4063, 24.8826



60.3499, 52.8152, 28.8460



18.1237, 18.0328, 19.2686



21.7772, 11.2002, 2.2114



2.1521, 1.1032, 0.3822

Inverse Universe

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



55.0783, 39.9989, 34.0961



50.5333, 33.4063, 24.8826



51.6141, 60.2205, 103.5111



18.1237, 18.0328, 19.2686



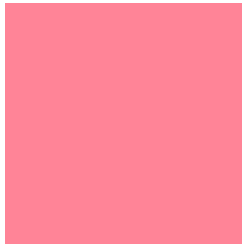
21.7772, 11.2002, 2.2114



2.1521, 1.1032, 0.3822

Previews

White Background



This preview shows how the XYZ color 55.0772, 39.9969, 34.0954 looks on a white background.

Color Contrast Check

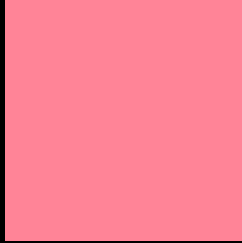
Large Text (above 18pt) WCAG AA × Fail

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 55.0772, 39.9969, 34.0954 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 55.0772, 39.9969, 34.0954

Background



This preview shows how black text looks on a background with the XYZ color 55.0772, 39.9969, 34.0954.



This preview shows how white text looks on a background with the XYZ color 55.0772, 39.9969,

34.0954.

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

55.0772, 39.9969, 34.0954

Protanopia

38.7722, 40.2004, 44.2440

Deuteranopia

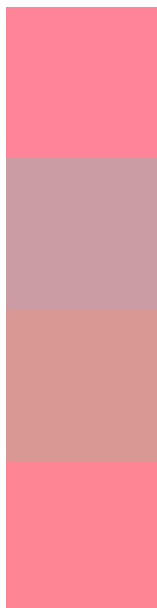
40.9694, 40.2283, 32.7997



Tritanopia

54.2185, 39.8291, 30.8167

Trichromacy



Original Color

55.0772, 39.9969, 34.0954

Protanomaly

43.2179, 39.1538, 40.4016

Deuteranomaly

45.1888, 39.3463, 33.2299

Tritanomaly

54.4489, 39.9212, 32.0299

Monochromacy



Original Color

55.0772, 39.9969, 34.0954

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

43.1149, 39.3508, 40.4450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0772, 39.9969, 34.0954 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, 132, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 151)  
}
```

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, 132, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 151) }
```

Border

The CSS property to change the border of an element to XYZ 55.0772, 39.9969, 34.0954 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, 132, 151) }
```


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

```
.border{ border-color:rgb(255, 132, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 132, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0772, 39.9969, 34.0954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 151) }
```

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

```
.background{ background-color: rgb(255,  
132, 151) }
```

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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