

Converting Colors

XYZ(54.4121, 39.3095, 31.8925)

Have a look what the booklet for
XYZ(54.4121, 39.3095, 31.8925)
contains.

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Color

**XYZ(54.4109, 39.3006,
31.9121)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8292
RGB	255, 130, 146
RGB Percent	100%, 51%, 57%
CMY	0.0000, 0.4902, 0.4274
CMYK	0.00, 0.49, 0.43, 0.00
HSL	352°, 100%, 75%
HSV	352°, 49%, 100%
XYZ	54.4109, 39.3006, 31.9121
YIQ	169.1990, 69.3640, 31.4760

Conversions

Conversions Part 2

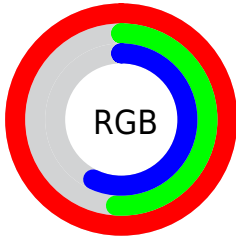
Format	Color
R_{YB}	255, 130, 146
Decimal	16745106
CIE _{Lab}	68.97, 48.92, 13.65
CIE _{LCh}	69, 50.788, 15.588
Yxy	39.3006, 0.4331, 0.3128
Android (android.graphics.Color)	4294935186 (0xFFFF8292)
YUV	169.1990, -11.4371, 75.2475
Hunter-Lab	62.6902, 45.2182, 13.7019

Details

The XYZ color **54.4109, 39.3006, 31.9121** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.5480, 82.4986, 94.3991**, and the grayscale version is **37.8426, 39.8133, 43.3567**.

A 20% lighter version of the original color is **69.0143, 60.1281, 62.6120**, and **26.9439, 17.4827, 13.0207** is the 20% darker color. If you saturate the color by 10%, you get **49.8646, 32.7124, 22.6765**, and if you desaturate by 10%, it is **60.1360, 47.7080, 43.2012**.

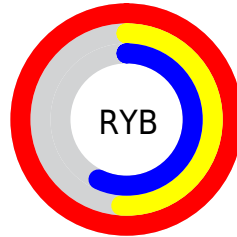
Distribution



Red (100%)

Green (51%)

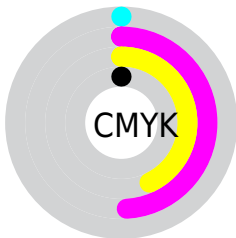
Blue (57%)



Red (100%)

Yellow (51%)

Blue (57%)

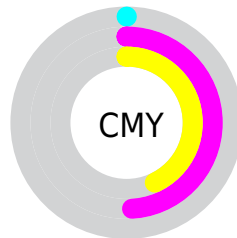


Cyan (0%)

Magenta (49%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4109, 39.3006, 31.9121 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 54.4109, 39.3006, 31.9121 by changing the saturation by 10% instead.


 54.4109, 39.3006,
31.9121


 54.4109, 39.3006,
31.9121


393.8478,
343.1668, 325.1990


 39.1622, 26.9937,
21.0301


 95.8307, 74.0973,
63.7696

 27.0673, 17.5685,
12.9546


 122.7325, 97.3559,
85.5821

 17.7606, 10.6406,
7.2669


 154.2494,
125.0337, 111.8753

 10.8769, 5.8257,
3.5486

190.7467,
157.5153, 143.0676

 6.0508, 2.7394,
1.3811

232.5899,
195.1851, 179.5776

 2.9169, 0.9972,
0.1269

280.1442,

 1.1100, 0.0000,

238.4273, 221.8238

0.0000

333.7751,
287.6264, 270.2247

■ 0.0335, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4109, 39.3006,
31.9121

■ 54.4109, 39.3006,
31.9121

■ 49.8646, 32.7124,
22.6765

■ 60.1360, 47.7080,
43.2012

■ 46.4113, 27.8030,
15.3680

■ 67.1116, 58.0494,
56.6554

■ 43.9581, 24.4214,
9.8494

■ 75.4074, 70.4369,
72.3808

■ 42.3951, 22.3868,
5.9643

■ 85.0868, 84.9727,
90.4759

■ 41.5677, 21.4346, 95.0499, 99.9999,
3.5222 108.9000

■ 41.5092, 21.3677,
3.3483

Harmonies

Analogous

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



54.5170, 39.3006, 54.8525



54.4109, 39.3006, 31.9121



49.3188, 39.3006, 18.2235

Triad

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



54.4109, 39.3006, 31.9121



27.3168, 39.3006, 18.5913



33.6181, 39.3006, 101.9898

Complementary

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



54.4109, 39.3006, 31.9121



60.5480, 82.4986, 94.3991

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.



27.5001, 39.3006, 83.1055



54.4109, 39.3006, 31.9121



24.2341, 39.3006, 32.6426

Square

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



54.4109, 39.3006, 31.9121



33.3320, 39.3006, 12.6449



24.2959, 39.3006, 55.8994



41.6873, 39.3006, 101.5688

Rectangle

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



54.4109, 39.3006, 31.9121



44.1519, 39.3006, 13.7127



24.2959, 39.3006, 55.8994



31.2924, 39.3006, 97.4579

Sweetspot

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



54.4119, 39.3026, 31.9128



79.1256, 76.0118, 79.3588



61.4058, 41.4223, 99.3663



16.5124, 15.6340, 16.1919



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.



54.4119, 39.3026, 31.9128



49.8713, 32.7219, 22.6902



60.7633, 53.8591, 28.3151



18.1039, 18.0249, 19.1645



21.7186, 11.1767, 1.9027



2.1428, 1.0995, 0.3335

Inverse Universe

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



54.4119, 39.3026, 31.9128



49.8713, 32.7219, 22.6902



50.0991, 57.6505, 103.0946



18.1039, 18.0249, 19.1645



21.7186, 11.1767, 1.9027



2.1428, 1.0995, 0.3335

Previews

White Background



This preview shows how the XYZ color 54.4109, 39.3006, 31.9121 looks on a white background.

Color Contrast Check

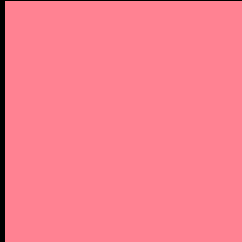
Large Text (above 18pt) WCAG AA × Fail

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 54.4109, 39.3006, 31.9121 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 54.4109, 39.3006, 31.9121

Background



This preview shows how black text looks on a background with the XYZ color 54.4109, 39.3006, 31.9121.

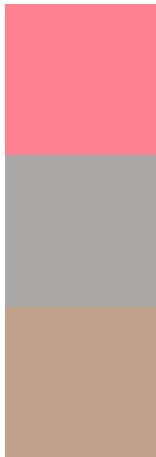


This preview shows how white text looks on a background with the XYZ color 54.4109, 39.3006,

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

54.4109, 39.3006, 31.9121

Protanopia

37.8988, 39.5291, 41.7088

Deuteranopia

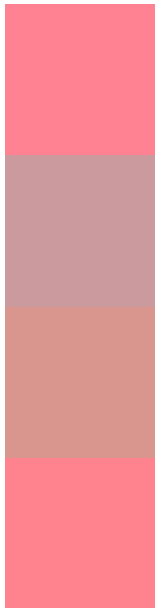
40.2337, 39.3659, 30.6771



Tritanopia

54.0899, 39.3860, 29.5624

Trichromacy



Original Color

54.4109, 39.3006, 31.9121

Protanomaly

42.1707, 38.1710, 37.9460

Deuteranomaly

44.4795, 38.5476, 31.0827

Tritanomaly

54.2388, 39.4456, 30.3462

Monochromacy



Original Color

54.4109, 39.3006, 31.9121

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

41.9738, 38.2953, 38.8977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4109, 39.3006, 31.9121 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, 130, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 146)  
}
```

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, 130, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 146) }
```

Border

The CSS property to change the border of an element to XYZ 54.4109, 39.3006, 31.9121 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, 130, 146) }
```


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

```
.border{ border-color:rgb(255, 130, 146) }
```

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

Here you see how a box with a 4 pixel rgb(255, 130, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4109, 39.3006, 31.9121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 146) }
```

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

```
.background{ background-color: rgb(255,  
130, 146) }
```

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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