

Converting Colors

XYZ(54.4057, 39.8589, 30.1569)

Have a look what the booklet for
XYZ(54.4057, 39.8589, 30.1569)
contains.

XYZ(54.4352, 39.9581, 30.0429)	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(54.4352, 39.9581,
30.0429)**

Conversions

Conversions Part 1

Format	Color
Hex	FF858D
RGB	255, 133, 141
RGB Percent	100%, 52%, 55%
CMY	0.0000, 0.4784, 0.4471
CMYK	0.00, 0.48, 0.45, 0.00
HSL	356°, 100%, 76%
HSV	356°, 48%, 100%
XYZ	54.4352, 39.9581, 30.0429
YIQ	170.3900, 70.1440, 28.3520

Conversions

Conversions Part 2

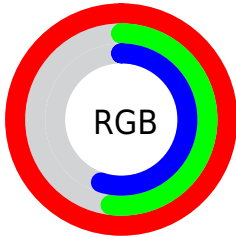
Format	Color
R _Y B	255, 133, 141
Decimal	16745869
CIE _{Lab}	69.44, 46.95, 17.11
CIE _{LCh}	69, 49.970, 20.019
Y _{xy}	39.9581, 0.4375, 0.3211
Android (android.graphics.Color)	4294935949 (0xFFFF858D)
YUV	170.3900, -14.4893, 74.2030
Hunter-Lab	63.2124, 43.0930, 16.0700

Details

The XYZ color **54.4352, 39.9581, 30.0429** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.2234, 83.2227, 100.7848**, and the grayscale version is **38.4498, 40.4522, 44.0524**.

A 20% lighter version of the original color is **69.0735, 61.1666, 59.7955**, and **27.0051, 17.9620, 11.9412** is the 20% darker color. If you saturate the color by 10%, you get **49.7717, 33.1699, 20.6618**, and if you desaturate by 10%, it is **60.3296, 48.5976, 41.7168**.

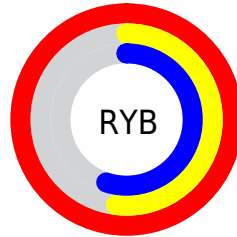
Distribution



Red (100%)

Green (52%)

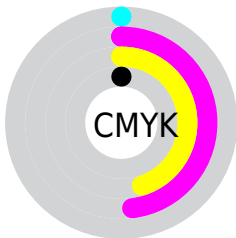
Blue (55%)



Red (100%)

Yellow (52%)

Blue (55%)

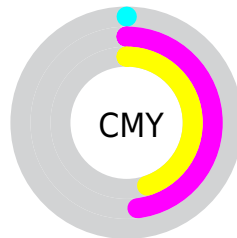


Cyan (0%)

Magenta (48%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4352, 39.9581, 30.0429 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 54.4352, 39.9581, 30.0429 by changing the saturation by 10% instead.


 54.4352, 39.9581,
30.0429

 54.4352, 39.9581,
30.0429


393.9387,
345.9469, 316.3179


 39.1818, 27.5059,
19.6188

 95.8661, 75.0997,
60.7918

 27.0825, 17.9535,
11.9370


 122.7743, 98.5579,
81.9538

 17.7721, 10.9166,
6.5787


 154.2981,
126.4535, 107.5320

 10.8852, 6.0108,
3.1257

190.8028,
159.1709, 137.9452

 6.0564, 2.8516,
1.1591

232.6539,
197.0946, 173.6119

 2.9204, 1.0548,
0.0000

280.2167,

 1.1118, 0.0000,

240.6089, 214.9505

0.0000

333.8565,
290.0982, 262.3797

■ 0.0350, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4352, 39.9581,
30.0429

■ 54.4352, 39.9581,
30.0429

■ 49.7717, 33.1699,
20.6618

■ 60.3296, 48.5976,
41.7168

■ 46.2488, 28.0921,
13.4204

■ 67.5303, 59.2033,
55.8185

■ 43.7690, 24.5738,
8.1505

■ 76.1104, 71.8884,
72.4751

■ 42.2170, 22.4351,
4.6576

■ 86.1368, 86.7554,
91.8044

■ 41.4431, 21.4369, 95.0499, 99.9999,
2.7052 108.9000

■ 41.3388, 21.2995,
2.4509

Harmonies

Analogous

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



55.3300, 39.9581, 51.6419



54.4352, 39.9581, 30.0429



48.8037, 39.9581, 17.6356

Triad

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



54.4352, 39.9581, 30.0429



27.3219, 39.9581, 20.8090



35.3619, 39.9581, 103.3029

Complementary

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



54.4352, 39.9581, 30.0429



62.2234, 83.2227, 100.7848

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.



28.8864, 39.9581, 87.0161



54.4352, 39.9581, 30.0429



24.6973, 39.9581, 36.2757

Square

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



54.4352, 39.9581, 30.0429



32.9288, 39.9581, 13.7575



25.2265, 39.9581, 60.4923



43.5208, 39.9581, 99.7756

Rectangle

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



54.4352, 39.9581, 30.0429



43.5105, 39.9581, 13.7529



25.2265, 39.9581, 60.4923



32.9373, 39.9581, 99.7927

Sweetspot

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



54.4362, 39.9602, 30.0436



79.7864, 77.3343, 79.5758



64.7493, 43.7470, 99.6388



16.6298, 15.8893, 16.1681



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.



54.4362, 39.9602, 30.0436



50.1185, 33.6726, 21.3655



63.0057, 58.0170, 30.0706



18.0576, 18.0064, 18.9207



21.6184, 11.1367, 1.3753



2.1210, 1.0908, 0.2187

Inverse Universe

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



54.4362, 39.9602, 30.0436



50.1185, 33.6726, 21.3655



48.8765, 54.5122, 102.5533



18.0576, 18.0064, 18.9207



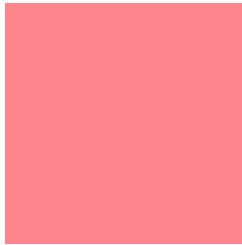
21.6184, 11.1367, 1.3753



2.1210, 1.0908, 0.2187

Previews

White Background



This preview shows how the XYZ color 54.4352, 39.9581, 30.0429 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 54.4352, 39.9581, 30.0429 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 54.4352, 39.9581, 30.0429

Background



This preview shows how black text looks on a background with the XYZ color 54.4352, 39.9581, 30.0429.



This preview shows how white text looks on a background with the XYZ color 54.4352, 39.9581,

30.0429.

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

54.4352, 39.9581, 30.0429

Protanopia

38.3505, 40.1092, 38.5215

Deuteranopia

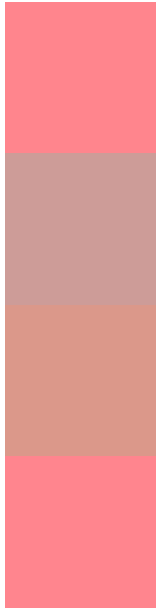
40.8298, 39.9777, 28.8571



Tritanopia

54.5100, 39.9881, 30.4367

Trichromacy



Original Color

54.4352, 39.9581, 30.0429

Protanomaly

42.7328, 39.0231, 34.9857

Deuteranomaly

45.0291, 39.3515, 29.2671

Tritanomaly

54.5100, 39.9881, 30.4367

Monochromacy



Original Color

54.4352, 39.9581, 30.0429

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

42.4024, 39.0347, 38.1005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4352, 39.9581, 30.0429 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, 133, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 141)  
}
```

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, 133, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 141) }
```

Border

The CSS property to change the border of an element to XYZ 54.4352, 39.9581, 30.0429 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, 133, 141) }
```


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

```
.border{ border-color:rgb(255, 133, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 133, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4352, 39.9581, 30.0429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 141) }
```

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

```
.background{ background-color: rgb(255,  
133, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor