

Converting Colors

XYZ(54.4570, 39.4483, 35.3159)

Have a look what the booklet for
XYZ(54.4570, 39.4483, 35.3159)
contains.

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Color

**XYZ(54.4570, 39.4483,
35.3159)**

Conversions

Conversions Part 1

Format	Color
Hex	FD839A
RGB	253, 131, 154
RGB Percent	99%, 51%, 60%
CMY	0.0078, 0.4862, 0.3961
CMYK	0.00, 0.48, 0.39, 0.01
HSL	349°, 97%, 75%
HSV	349°, 48%, 99%
XYZ	54.4570, 39.4483, 35.3159
YIQ	170.1000, 65.3290, 33.0170

Conversions

Conversions Part 2

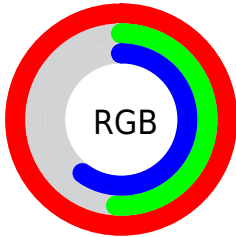
Format	Color
R _Y B	253, 131, 154
Decimal	16614298
CIE Lab	69.07, 48.58, 9.27
CIE LCh	69, 49.455, 10.799
Yxy	39.4483, 0.4214, 0.3053
Android (android.graphics.Color)	4294804378 (0xFFFD839A)
YUV	170.1000, -7.9373, 72.7033
Hunter-Lab	62.8079, 44.8530, 10.6277

Details

The XYZ color **54.4570, 39.4483, 35.3159** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.7703, 80.7899, 87.3641**, and the grayscale version is **38.2750, 40.2683, 43.8521**.

A 20% lighter version of the original color is **70.1841, 60.9319, 67.7364**, and **27.0944, 17.6245, 14.8058** is the 20% darker color. If you saturate the color by 10%, you get **49.8980, 32.8369, 26.0690**, and if you desaturate by 10%, it is **60.1400, 47.8396, 46.3812**.

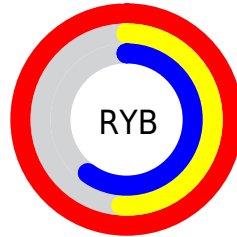
Distribution



Red (99%)

Green (51%)

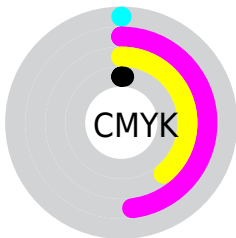
Blue (60%)



Red (99%)

Yellow (51%)

Blue (60%)

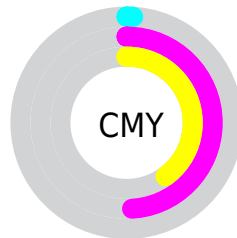


Cyan (0%)

Magenta (48%)

Yellow (39%)

Black (1%)



Cyan (1%)


Magenta (49%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4570, 39.4483, 35.3159 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 54.4570, 39.4483, 35.3159 by changing the saturation by 10% instead.


 54.4570, 39.4483,
35.3159


 54.4570, 39.4483,
35.3159


394.0203,
343.7927, 340.9070


 39.1993, 27.1087,
23.6208


 95.8979, 74.3227,
69.1320

 27.0962, 17.6548,
14.8430


 122.8118, 97.6262,
92.0900

 17.7824, 10.7025,
8.5639


 154.3417,
125.3531, 119.6395

 10.8926, 5.8671,
4.3649

190.8531,
157.8878, 152.1990

 6.0615, 2.7645,
1.8276

232.7113,
195.6148, 190.1869

 2.9235, 1.0100,
0.4461

280.2817,

 1.1134, 0.0000,

238.9183, 234.0219

0.0000

333.9295,
288.1828, 284.1224

■ 0.0363, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4570, 39.4483,
35.3159

■ 54.4570, 39.4483,
35.3159

■ 49.8980, 32.8369,
26.0690

■ 60.1400, 47.8396,
46.3812

■ 46.3837, 27.8706,
18.5394

■ 67.0131, 58.1209,
59.3539

■ 43.8289, 24.4050,
12.6193

■ 75.1407, 70.4003,
74.3198

■ 42.1330, 22.2677,
8.1870

■ 84.5816, 84.7761,
91.3586

■ 41.1620, 21.2225,
5.0988

94.3180, 99.6226,
108.8657

■ 41.0350, 21.0934,
4.6711

Harmonies

Analogous

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



53.7225, 39.4483, 58.8842



54.4570, 39.4483, 35.3159



50.1906, 39.4483, 20.3595

Triad

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



54.4570, 39.4483, 35.3159



28.4301, 39.4483, 17.7439



32.7232, 39.4483, 98.4315

Complementary

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



54.4570, 39.4483, 35.3159



58.7703, 80.7899, 87.3641

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.



27.1431, 39.4483, 78.0532



54.4570, 39.4483, 35.3159



24.9155, 39.4483, 30.1896

Square

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



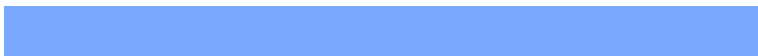
54.4570, 39.4483, 35.3159



34.7234, 39.4483, 12.8498



24.4800, 39.4483, 51.6175



40.4091, 39.4483, 101.3231

Rectangle

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



54.4570, 39.4483, 35.3159



45.3932, 39.4483, 15.0948



24.4800, 39.4483, 51.6175



30.5696, 39.4483, 93.1332

Sweetspot

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



54.4580, 39.4503, 35.3166



80.3813, 77.5723, 82.7087



58.0329, 39.9189, 97.5748



16.7727, 15.9464, 16.9202



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.



54.4580, 39.4503, 35.3166



50.8797, 33.5449, 26.7062



58.5350, 50.3812, 28.1147



18.1492, 18.0430, 19.4030



21.8680, 11.2365, 2.6891



2.1646, 1.1082, 0.4482

Inverse Universe

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



54.4580, 39.4503, 35.3166



50.8797, 33.5449, 26.7062



51.7498, 61.2357, 102.0206



18.1492, 18.0430, 19.4030



21.8680, 11.2365, 2.6891



2.1646, 1.1082, 0.4482

Previews

White Background



This preview shows how the XYZ color 54.4570, 39.4483, 35.3159 looks on a white background.

Color Contrast Check

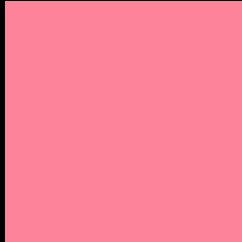
Large Text (above 18pt) WCAG AA × Fail

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 54.4570, 39.4483, 35.3159 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 54.4570, 39.4483, 35.3159

Background



This preview shows how black text looks on a background with the XYZ color 54.4570, 39.4483, 35.3159.



This preview shows how white text looks on a background with the XYZ color 54.4570, 39.4483,

35.3159.

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

54.4570, 39.4483, 35.3159

Protanopia

38.3181, 39.6465, 46.1904

Deuteranopia

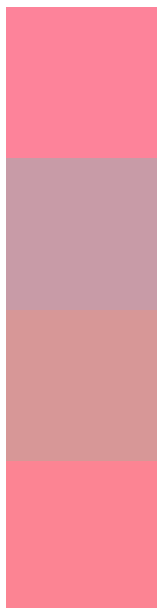
40.5143, 39.7018, 33.9616



Tritanopia

53.4903, 39.4537, 30.7827

Trichromacy



Original Color

54.4570, 39.4483, 35.3159

Protanomaly

42.5158, 38.5121, 41.7520

Deuteranomaly

44.6769, 38.8147, 34.4154

Tritanomaly

53.6626, 39.3046, 32.3620

Monochromacy



Original Color

54.4570, 39.4483, 35.3159

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

42.4087, 38.7366, 40.3637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4570, 39.4483, 35.3159 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(253, 131, 154)` looks like.

```
.text, #text, p{  
    color:rgb(253, 131, 154)  
}
```

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(253, 131, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 131, 154) }
```

Border

The CSS property to change the border of an element to XYZ 54.4570, 39.4483, 35.3159 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(253, 131, 154) }
```


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

```
.border{ border-color:rgb(253, 131, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 131, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 131, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 131, 154);  
box-shadow:4px 4px 4px 4px rgb(253, 131,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4570, 39.4483, 35.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 131, 154) }
```

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

```
.background{ background-color: rgb(253,  
131, 154) }
```

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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