

Converting Colors

XYZ(54.3562, 39.7275, 35.1842)

Have a look what the booklet for
XYZ(54.3562, 39.7275, 35.1842)
contains.

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Color

**XYZ(54.3651, 39.8036,
35.3894)**

Conversions

Conversions Part 1

Format	Color
Hex	FC859A
RGB	252, 133, 154
RGB Percent	99%, 52%, 60%
CMY	0.0118, 0.4784, 0.3961
CMYK	0.00, 0.47, 0.39, 0.01
HSL	349°, 95%, 75%
HSV	349°, 47%, 99%
XYZ	54.3651, 39.8036, 35.3894
YIQ	170.9750, 64.1830, 31.7590

Conversions

Conversions Part 2

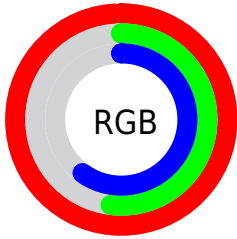
Format	Color
RYB	252, 133, 154
Decimal	16549274
CIELab	69.33, 47.25, 9.61
CIELCh	69, 48.215, 11.496
Yxy	39.8036, 0.4196, 0.3072
Android (android.graphics.Color)	4294739354 (0xFFFC859A)
YUV	170.9750, -8.3687, 71.0589
Hunter-Lab	63.0901, 43.4068, 10.9053

Details

The XYZ color **54.3651, 39.8036, 35.3894** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.9090, 80.3777, 88.0155**, and the grayscale version is **38.7154, 40.7316, 44.3568**.

A 20% lighter version of the original color is **70.6084, 61.7805, 67.8779**, and **27.0551, 17.9231, 14.8655** is the 20% darker color. If you saturate the color by 10%, you get **49.7378, 33.0802, 26.0435**, and if you desaturate by 10%, it is **60.1209, 48.3055, 46.5866**.

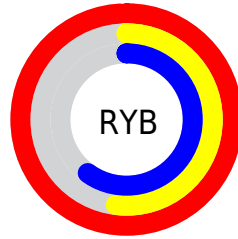
Distribution



Red (99%)

Green (52%)

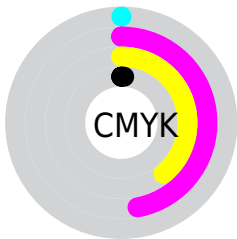
Blue (60%)



Red (99%)

Yellow (52%)

Blue (60%)

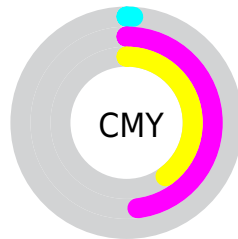


Cyan (0%)

Magenta (47%)

Yellow (39%)

Black (1%)



Cyan (1%)


Magenta (48%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3651, 39.8036, 35.3894 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 54.3651, 39.8036, 35.3894 by changing the saturation by 10% instead.


 54.3651, 39.8036,
35.3894

 54.3651, 39.8036,
35.3894


393.6764,
345.2951, 341.2401


 39.1255, 27.3854,
23.6770


 95.7639, 74.8644,
69.2470

 27.0385, 17.8629,
14.8842


 122.6537, 98.2757,
92.2293

 17.7389, 10.8516,
8.5925


 154.1576,
126.1203, 119.8053

 10.8612, 5.9671,
4.3832

190.6410,
158.7825, 152.3936

 6.0402, 2.8251,
1.8378

232.4693,
196.6467, 190.4126

 2.9104, 1.0411,
0.4527

280.0077,

 1.1066, 0.0000,

240.0972, 234.2811

0.0000

333.6216,
289.5186, 284.4174

■ 0.0306, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3651, 39.8036,
35.3894

■ 54.3651, 39.8036,
35.3894

■ 49.7378, 33.0802,
26.0435

■ 60.1209, 48.3055,
46.5866

■ 46.1603, 28.0029,
18.4457

■ 67.0704, 58.6939,
59.7261

■ 43.5485, 24.4303,
12.4858

■ 75.2777, 71.0754,
74.8955

■ 41.8038, 22.1944,
8.0394

■ 84.8013, 85.5468,
92.1765

■ 40.8016, 21.0798,
4.9621

93.9548, 99.4354,
108.8487

■ 40.6081, 20.8807,
4.3185

Harmonies

Analogous

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



53.7680, 39.8036, 58.3176



54.3651, 39.8036, 35.3894



50.1059, 39.8036, 20.7936

Triad

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



54.3651, 39.8036, 35.3894



28.8056, 39.8036, 18.6174



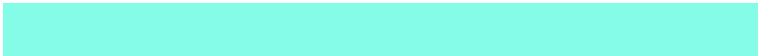
33.3040, 39.8036, 97.6061

Complementary

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



54.3651, 39.8036, 35.3894



58.9090, 80.3777, 88.0155

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.



27.7467, 39.8036, 78.1462



54.3651, 39.8036, 35.3894



25.4042, 39.8036, 31.1741

Square

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



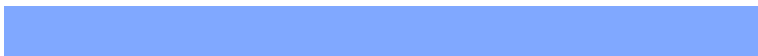
54.3651, 39.8036, 35.3894



34.9436, 39.8036, 13.5581



25.0450, 39.8036, 52.3988



40.8757, 39.8036, 99.9403

Rectangle

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



54.3651, 39.8036, 35.3894



45.3857, 39.8036, 15.6429



25.0450, 39.8036, 52.3988



31.1669, 39.8036, 92.6046

Sweetspot

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



54.3662, 39.8056, 35.3901



80.3223, 77.5487, 82.3979



58.6516, 40.6589, 96.8519



16.7585, 15.9407, 16.8455



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.



54.3662, 39.8056, 35.3901



51.1721, 34.0940, 26.9140



58.8830, 51.3973, 29.0102



17.3696, 17.2752, 18.5361



21.1905, 10.8919, 2.4459



1.9960, 1.0222, 0.4026

Inverse Universe

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



54.3662, 39.8056, 35.3901



51.1721, 34.0940, 26.9140



51.3720, 60.2701, 101.0209



17.3696, 17.2752, 18.5361



21.1905, 10.8919, 2.4459



1.9960, 1.0222, 0.4026

Previews

White Background



This preview shows how the XYZ color 54.3651, 39.8036, 35.3894 looks on a white background.

Color Contrast Check

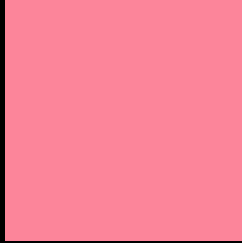
Large Text (above 18pt) WCAG AA × Fail

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 54.3651, 39.8036, 35.3894 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 54.3651, 39.8036, 35.3894

Background



This preview shows how black text looks on a background with the XYZ color 54.3651, 39.8036, 35.3894.



This preview shows how white text looks on a background with the XYZ color 54.3651, 39.8036,

35.3894.

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

54.3651, 39.8036, 35.3894

Protanopia

38.8412, 40.2026, 45.7571

Deuteranopia

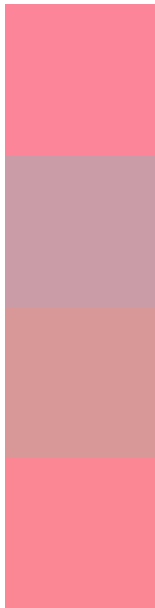
40.7701, 39.8336, 33.9736



Tritanopia

53.4817, 39.8508, 31.2587

Trichromacy



Original Color

54.3651, 39.8036, 35.3894

Protanomaly

42.9509, 38.9845, 41.8202

Deuteranomaly

44.8385, 39.1379, 34.4693

Tritanomaly

53.6541, 39.6975, 32.8515

Monochromacy



Original Color

54.3651, 39.8036, 35.3894

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

42.6679, 39.1099, 40.8974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3651, 39.8036, 35.3894 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(252, 133, 154)` looks like.

```
.text, #text, p{  
    color:rgb(252, 133, 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(252, 133, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 133, 154) }
```

Border

The CSS property to change the border of an element to XYZ 54.3651, 39.8036, 35.3894 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(252, 133, 154) }
```


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

```
.border{ border-color:rgb(252, 133, 154) }
```

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

Here you see how a box with a 4 pixel rgb(252, 133, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 133, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 133, 154);  
box-shadow:4px 4px 4px 4px rgb(252, 133,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3651, 39.8036, 35.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 133, 154) }
```

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

```
.background{ background-color: rgb(252,  
133, 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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