

Converting Colors

XYZ(54.8110, 38.9362, 35.6353)

Have a look what the booklet for
XYZ(54.8110, 38.9362, 35.6353)
contains.

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Color

**XYZ(54.8756, 39.0649,
35.6584)**

Conversions

Conversions Part 1

Format	Color
Hex	FF809B
RGB	255, 128, 155
RGB Percent	100%, 50%, 61%
CMY	0.0000, 0.4980, 0.3922
CMYK	0.00, 0.50, 0.39, 0.00
HSL	347°, 100%, 75%
HSV	347°, 50%, 100%
XYZ	54.8756, 39.0649, 35.6584
YIQ	169.0510, 67.0250, 35.3210

Conversions

Conversions Part 2

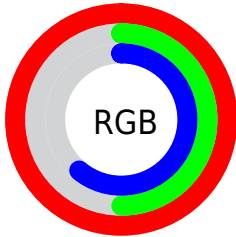
Format	Color
RYB	255, 128, 155
Decimal	16744603
CIELab	68.80, 50.83, 8.35
CIElCh	69, 51.513, 9.324
Yxy	39.0649, 0.4234, 0.3014
Android (android.graphics.Color)	4294934683 (0xFFFF809B)
YUV	169.0510, -6.9271, 75.3773
Hunter-Lab	62.5019, 47.3415, 9.9254

Details

The XYZ color **54.8756, 39.0649, 35.6584** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **58.6677, 81.7116, 86.0834**, and the grayscale version is **37.7485, 39.7143, 43.2489**.

A 20% lighter version of the original color is **69.8891, 60.1444, 68.2471**, and **27.4531, 17.4991, 15.0274** is the 20% darker color. If you saturate the color by 10%, you get **50.4090, 32.6099, 26.5301**, and if you desaturate by 10%, it is **60.4603, 47.3073, 46.5436**.

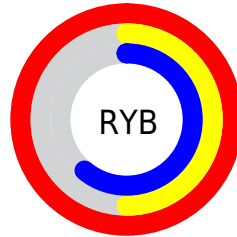
Distribution



Red (100%)

Green (50%)

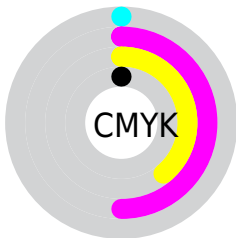
Blue (61%)



Red (100%)

Yellow (50%)

Blue (61%)

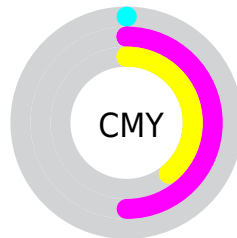


Cyan (0%)

Magenta (50%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8756, 39.0649, 35.6584 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 54.8756, 39.0649, 35.6584 by changing the saturation by 10% instead.


 54.8756, 39.0649,
35.6584


 54.8756, 39.0649,
35.6584


395.5843,
342.1663, 342.4571


 39.5356, 26.8102,
23.8829


 96.5081, 73.7375,
69.6676

 27.3592, 17.4307,
15.0354


 123.5312, 96.9241,
92.7383

 17.9812, 10.5421,
8.6973


 155.1794,
124.5236, 120.4113

 11.0361, 5.7598,
4.4502

191.8181,
156.9202, 153.1049

 6.1586, 2.6996,
1.8754

233.8126,
194.4984, 191.2377

 2.9833, 0.9770,
0.4770

281.5282,

 1.1449, 0.0000,

237.6425, 235.2284

0.0000

335.3303,
286.7371, 285.4953

■ 0.0622, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8756, 39.0649,
35.6584

■ 54.8756, 39.0649,
35.6584

■ 50.4090, 32.6099,
26.5301

■ 60.4603, 47.3073,
46.5436

■ 46.9798, 27.8030,
19.0623

■ 67.2301, 57.4506,
59.2706

■ 44.5009, 24.4941,
13.1522

■ 75.2503, 69.6060,
73.9211

■ 42.8687, 22.5028,
8.6837

■ 84.5806, 83.8745,
90.5713

■ 41.9256, 21.5431, 95.0500, 100.0000,
5.5131 108.9000

■ 41.9106, 21.5283,
5.4615

Harmonies

Analogous

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



53.8395, 39.0649, 60.4661



54.8756, 39.0649, 35.6584



50.6462, 39.0649, 19.9316

Triad

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



54.8756, 39.0649, 35.6584



28.0436, 39.0649, 16.3736



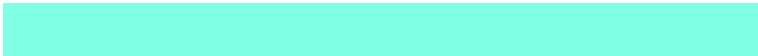
31.8584, 39.0649, 99.9892

Complementary

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



54.8756, 39.0649, 35.6584



58.6677, 81.7116, 86.0834

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.



26.2618, 39.0649, 77.8617



54.8756, 39.0649, 35.6584



24.2939, 39.0649, 28.5536

Square

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



54.8756, 39.0649, 35.6584



34.6441, 39.0649, 11.8066



23.6933, 39.0649, 50.2434



39.7321, 39.0649, 104.1138

Rectangle

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



54.8756, 39.0649, 35.6584



45.7288, 39.0649, 14.4006



23.6933, 39.0649, 50.2434



29.6830, 39.0649, 94.1053

Sweetspot

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



54.8766, 39.0669, 35.6591



79.5628, 76.1866, 81.6607



57.6019, 39.0702, 99.1131



16.6163, 15.6756, 16.7391



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.



54.8766, 39.0669, 35.6591



50.3309, 32.4986, 26.3656



58.4102, 49.3656, 26.8746



18.1673, 18.0502, 19.4983



21.9430, 11.2665, 3.0842



2.1744, 1.1121, 0.4997

Inverse Universe

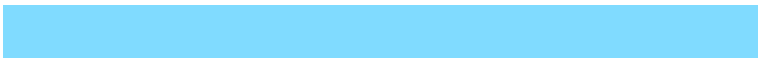
The Inverse Universe completely reimagines the original color for something new.



54.8766, 39.0669, 35.6591



50.3309, 32.4986, 26.3656



52.2896, 62.4826, 103.9121



18.1673, 18.0502, 19.4983



21.9430, 11.2665, 3.0842



2.1744, 1.1121, 0.4997

Previews

White Background



This preview shows how the XYZ color 54.8756, 39.0649, 35.6584 looks on a white background.

Color Contrast Check

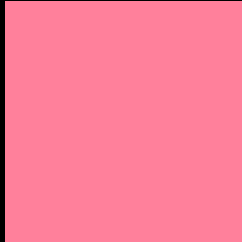
Large Text (above 18pt) WCAG AA × Fail

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 54.8756, 39.0649, 35.6584 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 54.8756, 39.0649, 35.6584

Background



This preview shows how black text looks on a background with the XYZ color 54.8756, 39.0649, 35.6584.



This preview shows how white text looks on a background with the XYZ color 54.8756, 39.0649,

35.6584.

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

54.8756, 39.0649, 35.6584

Protanopia

38.1167, 39.2468, 47.1614

Deuteranopia

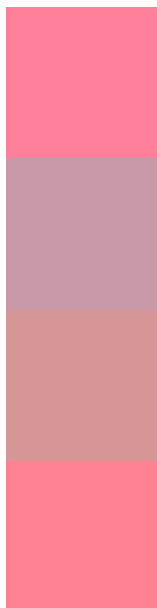
39.8310, 39.0870, 33.8790



Tritanopia

53.7230, 39.1969, 29.5452

Trichromacy



Original Color

54.8756, 39.0649, 35.6584

Protanomaly

42.3721, 37.9264, 42.6234

Deuteranomaly

44.2238, 38.3432, 34.3483

Tritanomaly

53.9665, 39.0804, 31.4870

Monochromacy



Original Color

54.8756, 39.0649, 35.6584

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

42.0759, 38.0709, 40.2527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8756, 39.0649, 35.6584 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, 128, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 155)  
}
```

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, 128, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 155) }
```

Border

The CSS property to change the border of an element to XYZ 54.8756, 39.0649, 35.6584 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, 128, 155) }
```


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

```
.border{ border-color:rgb(255, 128, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8756, 39.0649, 35.6584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 155) }
```

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

```
.background{ background-color: rgb(255,  
128, 155) }
```

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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