

Converting Colors

XYZ(78.5671, 49.3022, 40.5151)

Have a look what the booklet for
XYZ(78.5671, 49.3022, 40.5151)
contains.

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Color

**XYZ(54.4193, 36.8972,
39.3756)**

Conversions

Conversions Part 1

Format	Color
Hex	FF76A4
RGB	255, 118, 164
RGB Percent	100%, 46%, 64%
CMY	0.0000, 0.5372, 0.3569
CMYK	0.00, 0.54, 0.36, 0.00
HSL	340°, 100%, 73%
HSV	340°, 54%, 100%
XYZ	54.4193, 36.8972, 39.3756
YIQ	164.2070, 66.8860, 43.3500

Conversions

Conversions Part 2

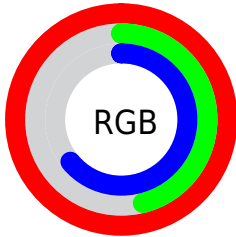
Format	Color
R_{YB}	255, 118, 164
Decimal	16742052
CIE Lab	67.20, 56.56, 0.96
CIE LCh	67, 56.573, 0.970
Yxy	36.8972, 0.4164, 0.2823
Android (android.graphics.Color)	4294932132 (0xFFFF76A4)
YUV	164.2070, -0.1021, 79.6255
Hunter-Lab	60.7431, 53.6166, 4.0865

Details

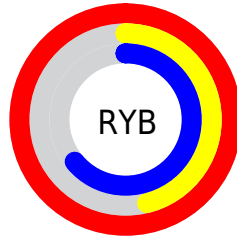
The XYZ color **54.4193, 36.8972, 39.3756** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.7418, 79.9759, 72.8779**, and the grayscale version is **35.3645, 37.2062, 40.5176**.

A 20% lighter version of the original color is **69.1622, 56.6466, 74.3065**, and **27.1529, 16.2172, 17.0283** is the 20% darker color. If you saturate the color by 10%, you get **50.3826, 31.1111, 30.9788**, and if you desaturate by 10%, it is **59.4732, 44.3915, 49.1174**.

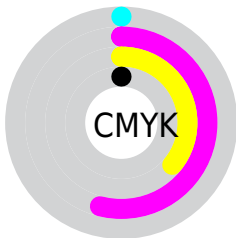
Distribution



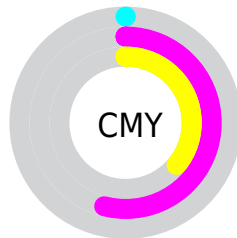
- Red (100%)
- Green (46%)
- Blue (64%)



- Red (100%)
- Yellow (46%)
- Blue (64%)



- Cyan (0%)
- Magenta (54%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (54%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4193, 36.8972, 39.3756 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 54.4193, 36.8972, 39.3756 by changing the saturation by 10% instead.


 54.4193, 36.8972,
39.3756


 54.4193, 36.8972,
39.3756

393.8792,
332.8652, 358.9583


 39.1690, 25.1279,
26.7420


 95.8429, 70.4147,
75.4384

 27.0725, 16.1724,
17.1488


 122.7469, 92.9316,
99.7047

 17.7646, 9.6462,
10.1776


 154.2662,
119.7999, 128.6856

 10.8798, 5.1650,
5.4097

190.7661,
151.4039, 162.7996

 6.0527, 2.3444,
2.4267

232.6120,
188.1281, 202.4654

 2.9181, 0.7971,
0.8009

280.1693,

 1.1106, 0.0000,

230.3567, 248.1014

0.0000

333.8032,
278.4743, 300.1262

■ 0.0340, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4193, 36.8972,
39.3756

■ 54.4193, 36.8972,
39.3756

■ 50.3826, 31.1111,
30.9788

■ 59.4732, 44.3915,
49.1174

■ 47.2852, 26.8903,
23.8606

■ 65.6084, 53.7104,
60.2617

■ 45.0416, 24.0776,
17.9508

■ 72.8872, 64.9669,
72.8651

■ 43.5481, 22.4799,
13.1695

■ 81.3661, 78.2628,
86.9800

■ 42.9041, 21.9257,
10.6932

■ 91.0975, 93.6930,
102.6562

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



51.6751, 36.8972, 67.9368



54.4193, 36.8972, 39.3756



51.3122, 36.8972, 20.3433

Triad

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



54.4193, 36.8972, 39.3756



27.2037, 36.8972, 11.6471



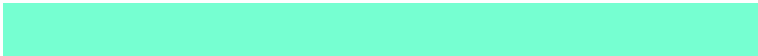
27.6165, 36.8972, 97.7141

Complementary

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



54.4193, 36.8972, 39.3756



54.7418, 79.9759, 72.8779

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.



22.6769, 36.8972, 69.9340



54.4193, 36.8972, 39.3756



22.4675, 36.8972, 21.2415

Square

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



54.4193, 36.8972, 39.3756



34.7895, 36.8972, 8.9264



20.9550, 36.8972, 40.9847



35.3514, 36.8972, 108.9040

Rectangle

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



54.4193, 36.8972, 39.3756



46.5939, 36.8972, 13.4077



20.9550, 36.8972, 40.9847



25.6220, 36.8972, 89.5658

Sweetspot

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



54.4203, 36.8991, 39.3763



79.3266, 75.0502, 83.6297



50.2762, 33.4517, 98.4147



16.5965, 15.4625, 17.2669



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.



54.4203, 36.8991, 39.3763



50.2843, 30.9735, 30.7643



53.6790, 40.9053, 22.2083



18.2609, 18.0877, 19.9912



22.4802, 11.4814, 5.9130



2.2373, 1.1373, 0.8308

Inverse Universe

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



54.4203, 36.8991, 39.3763



50.2843, 30.9735, 30.7643



55.0737, 70.1750, 105.2502



18.2609, 18.0877, 19.9912



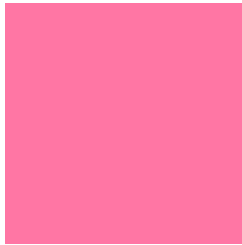
22.4802, 11.4814, 5.9130



2.2373, 1.1373, 0.8308

Previews

White Background



This preview shows how the XYZ color 54.4193, 36.8972, 39.3756 looks on a white background.

Color Contrast Check

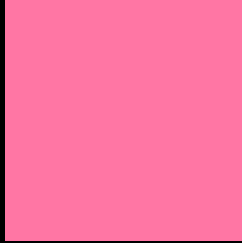
Large Text (above 18pt) WCAG AA × Fail

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 54.4193, 36.8972, 39.3756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

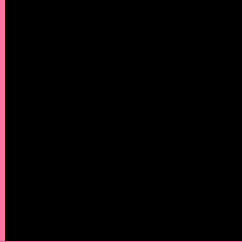
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4193, 36.8972, 39.3756

Background



This preview shows how black text looks on a background with the XYZ color 54.4193, 36.8972, 39.3756.



This preview shows how white text looks on a background with the XYZ color 54.4193, 36.8972,

39.3756.

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

54.4193, 36.8972, 39.3756

Protanopia

36.7992, 37.3269, 54.5555

Deuteranopia

37.6898, 36.8674, 37.4774



Tritanopia

51.5862, 36.8042, 26.5753

Trichromacy



Original Color

54.4193, 36.8972, 39.3756



Protanomaly

41.0223, 35.6730, 48.4395



Deuteranomaly

42.4621, 35.7383, 37.9179



Tritanomaly

52.5016, 36.8153, 30.7245

Monochromacy



Original Color

54.4193, 36.8972, 39.3756



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

40.1605, 35.4181, 39.8416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4193, 36.8972, 39.3756 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, 118, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 164)  
}
```

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, 118, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 164) }
```

Border

The CSS property to change the border of an element to XYZ 54.4193, 36.8972, 39.3756 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, 118, 164) }
```


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

```
.border{ border-color:rgb(255, 118, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 118, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 118, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 118, 164); box-shadow:4px 4px 4px 4px rgb(255, 118, 164) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4193, 36.8972, 39.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 164) }
```

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

```
.background{ background-color: rgb(255,  
118, 164) }
```

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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