

Converting Colors

XYZ(54.1546, 39.0994, 47.3339)

Have a look what the booklet for
XYZ(54.1546, 39.0994, 47.3339)
contains.

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Color

**XYZ(54.2590, 39.0801,
47.3313)**

Conversions

Conversions Part 1

Format	Color
Hex	F683B3
RGB	246, 131, 179
RGB Percent	96%, 51%, 70%
CMY	0.0353, 0.4862, 0.2980
CMYK	0.00, 0.47, 0.27, 0.04
HSL	335°, 86%, 74%
HSV	335°, 47%, 96%
XYZ	54.2590, 39.0801, 47.3313
YIQ	170.8570, 53.1320, 39.3080

Conversions

Conversions Part 2

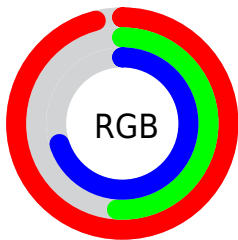
Format	Color
R_{YB}	246, 131, 179
Decimal	16155571
CIE _{Lab}	68.81, 49.22, -5.28
CIE _{LCh}	69, 49.502, 353.875
Yxy	39.0801, 0.3857, 0.2778
Android (android.graphics.Color)	4294345651 (0xFFFF683B3)
YUV	170.8570, 4.0145, 65.9004
Hunter-Lab	62.5141, 45.5292, -1.1304

Details

The XYZ color **54.2590, 39.0801, 47.3313** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.5107, 74.8150, 65.1030**, and the grayscale version is **38.5999, 40.6101, 44.2244**.

A 20% lighter version of the original color is **73.7943, 62.3760, 86.7476**, and **26.9133, 17.3789, 21.6746** is the 20% darker color. If you saturate the color by 10%, you get **49.9635, 32.6895, 39.1154**, and if you desaturate by 10%, it is **59.4916, 47.1032, 56.6038**.

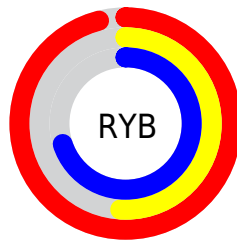
Distribution



Red (96%)

Green (51%)

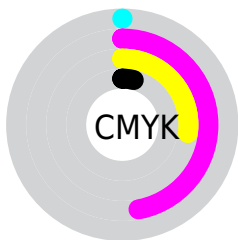
Blue (70%)



Red (96%)

Yellow (51%)

Blue (70%)

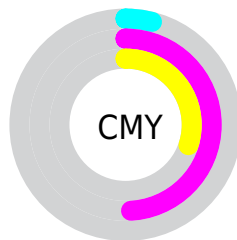


Cyan (0%)

Magenta (47%)

Yellow (27%)

Black (4%)



Cyan (4%)


Magenta (49%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2590, 39.0801, 47.3313 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 54.2590, 39.0801, 47.3313 by changing the saturation by 10% instead.


 54.2590, 39.0801,
47.3313


 54.2590, 39.0801,
47.3313


393.2791,
342.2309, 392.5674

 39.0403, 26.8220,
32.9414


 95.6091, 73.7607,
87.5631

 26.9719, 17.4396,
21.8108


 122.4712, 96.9520,
114.2421

 17.6886, 10.5484,
13.5210


 153.9450,
124.5565, 145.8545

 10.8250, 5.7641,
7.6533

190.3961,
156.9586, 182.8190

 6.0157, 2.7022,
3.7894

232.1897,
194.5427, 225.5539

 2.8954, 0.9783,
1.5105

279.6911,

 1.0987, 0.0000,

237.6932, 274.4779

0.2257

333.2658,
286.7945, 330.0096

■ 0.0240, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2590, 39.0801,
47.3313

■ 54.2590, 39.0801,
47.3313

■ 49.9635, 32.6895,
39.1154

■ 59.4916, 47.1032,
56.6038

■ 46.5409, 27.8112,
31.9110

■ 65.7134, 56.8567,
66.9707

■ 43.9236, 24.3173,
25.6721

■ 72.9760, 68.4371,
78.4703

■ 42.0315, 22.0558,
20.3470

■ 81.3268, 81.9324,
91.1385

■ 40.7646, 20.8353,
15.8760

■ 90.8100, 97.4249,
105.0090

■ 40.4378, 20.5656,
14.5839

■ 91.8161, 98.3329,
108.7487

Harmonies

Analogous

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



50.7148, 39.0801, 73.4531



54.2590, 39.0801, 47.3313



52.7223, 39.0801, 27.3474

Triad

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



54.2590, 39.0801, 47.3313



31.3656, 39.0801, 14.0046



28.9396, 39.0801, 87.8741

Complementary

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



54.2590, 39.0801, 47.3313



52.5107, 74.8150, 65.1030

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.



24.9840, 39.0801, 62.5491



54.2590, 39.0801, 47.3313



26.2405, 39.0801, 21.8202

Square

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



54.2590, 39.0801, 47.3313



38.7779, 39.0801, 12.4230



24.0702, 39.0801, 38.1050



35.5575, 39.0801, 101.6079

Rectangle

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



54.2590, 39.0801, 47.3313



49.1184, 39.0801, 19.0773



24.0702, 39.0801, 38.1050



27.2941, 39.0801, 80.0819

Sweetspot

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



54.2601, 39.0820, 47.3321



81.5299, 78.0317, 88.7571



47.5609, 34.6468, 91.3697



17.0502, 16.0574, 18.3816



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.



54.2601, 39.0820, 47.3321



54.4834, 35.8634, 42.9796



51.2887, 39.6025, 26.4160



16.7860, 16.5973, 18.6197



21.6503, 11.0036, 8.1328



1.9528, 0.9871, 0.9781

Inverse Universe

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



54.2601, 39.0820, 47.3321



54.4834, 35.8634, 42.9796



56.6676, 72.8234, 98.2586



16.7860, 16.5973, 18.6197



21.6503, 11.0036, 8.1328



1.9528, 0.9871, 0.9781

Previews

White Background



This preview shows how the XYZ color 54.2590, 39.0801, 47.3313 looks on a white background.

Color Contrast Check

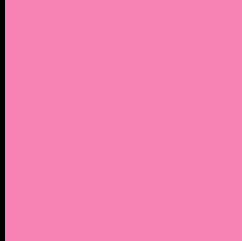
Large Text (above 18pt) WCAG AA × Fail

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 54.2590, 39.0801, 47.3313 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 54.2590, 39.0801, 47.3313

Background



This preview shows how black text looks on a background with the XYZ color 54.2590, 39.0801, 47.3313.



This preview shows how white text looks on a background with the XYZ color 54.2590, 39.0801,

47.3313.

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

54.2590, 39.0801, 47.3313

Protanopia

39.1773, 39.4788, 61.4324

Deuteranopia

40.0286, 39.1955, 45.5001



Tritanopia

51.1743, 39.0526, 32.4445

Trichromacy



Original Color

54.2590, 39.0801, 47.3313



Protanomaly

43.0314, 38.2127, 56.1467



Deuteranomaly

44.0799, 38.2469, 46.1334



Tritanomaly

52.2302, 39.0642, 37.5882

Monochromacy



Original Color

54.2590, 39.0801, 47.3313



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

42.8172, 38.8387, 45.2843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2590, 39.0801, 47.3313 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(246, 131, 179)` looks like.

```
.text, #text, p{  
    color:rgb(246, 131, 179)  
}
```

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(246, 131, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 131, 179) }
```

Border

The CSS property to change the border of an element to XYZ 54.2590, 39.0801, 47.3313 is called "border". The border property can be set on classes, ids or directly on the HTML element.

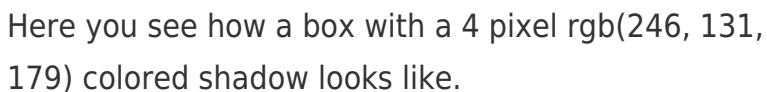
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 131, 179) }
```


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

```
.border{ border-color:rgb(246, 131, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(246, 131, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 131, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 131, 179); box-shadow:4px 4px 4px 4px rgb(246, 131, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2590, 39.0801, 47.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 131, 179) }
```

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

```
.background{ background-color: rgb(246,  
131, 179) }
```

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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