

Converting Colors

XYZ(54.0059, 39.1880, 47.3941)

Have a look what the booklet for
XYZ(54.0059, 39.1880, 47.3941)
contains.

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Color

**XYZ(54.0441, 39.1697,
47.3599)**

Conversions

Conversions Part 1

Format	Color
Hex	F584B3
RGB	245, 132, 179
RGB Percent	96%, 52%, 70%
CMY	0.0392, 0.4823, 0.2980
CMYK	0.00, 0.46, 0.27, 0.04
HSL	335°, 85%, 74%
HSV	335°, 46%, 96%
XYZ	54.0441, 39.1697, 47.3599
YIQ	171.1450, 52.2610, 38.5730

Conversions

Conversions Part 2

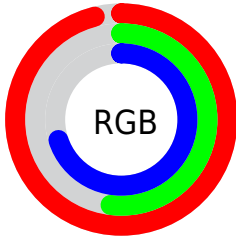
Format	Color
R_{YB}	245, 132, 179
Decimal	16090291
CIE _{Lab}	68.87, 48.39, -5.20
CIE _{LCh}	69, 48.671, 353.866
Yxy	39.1697, 0.3845, 0.2786
Android (android.graphics.Color)	4294280371 (0xFFFF584B3)
YUV	171.1450, 3.8725, 64.7708
Hunter-Lab	62.5857, 44.6136, -1.0560

Details

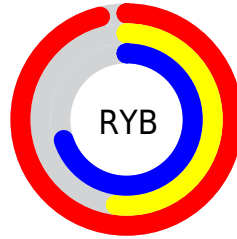
The XYZ color **54.0441, 39.1697, 47.3599** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.3630, 74.2885, 65.0092**, and the grayscale version is **38.7455, 40.7632, 44.3912**.

A 20% lighter version of the original color is **74.0057, 62.7988, 86.8181**, and **26.7400, 17.3942, 21.6867** is the 20% darker color. If you saturate the color by 10%, you get **49.7303, 32.7393, 39.1480**, and if you desaturate by 10%, it is **59.2904, 47.2241, 56.6246**.

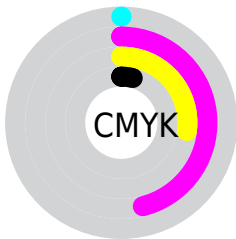
Distribution



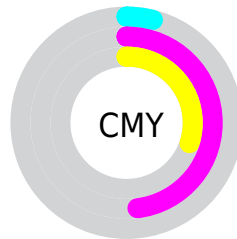
- Red (96%)
- Green (52%)
- Blue (70%)



- Red (96%)
- Yellow (52%)
- Blue (70%)



- Cyan (0%)
- Magenta (46%)
- Yellow (27%)
- Black (4%)




- Cyan (4%)
- Magenta (48%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0441, 39.1697, 47.3599 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 54.0441, 39.1697, 47.3599 by changing the saturation by 10% instead.


 54.0441, 39.1697,
47.3599


 54.0441, 39.1697,
47.3599


392.4738,
342.6114, 392.6846


 38.8677, 26.8918,
32.9639


 95.2955, 73.8975,
87.6062

 26.8371, 17.4920,
21.8279


 122.1013, 97.1161,
114.2935

 17.5869, 10.5859,
13.5334


 153.5142,
124.7505, 145.9151

 10.7517, 5.7891,
7.6618

189.8996,
157.1849, 182.8894

 5.9662, 2.7173,
3.7947

231.6229,
194.8038, 225.6349

 2.8650, 0.9860,
1.5134

279.0495,

 1.0828, 0.0000,

237.9916, 274.5702

0.2279

332.5447,
287.1327, 330.1140

■ 0.0106, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0441, 39.1697,
47.3599

■ 54.0441, 39.1697,
47.3599

■ 49.7303, 32.7393,
39.1480

■ 59.2904, 47.2241,
56.6246

■ 46.2857, 27.8143,
31.9440

■ 65.5202, 56.9986,
66.9793

■ 43.6439, 24.2695,
25.7027

■ 72.7848, 68.5884,
78.4623

■ 41.7264, 21.9561,
20.3729

■ 81.1306, 82.0803,
91.1089

■ 40.4369, 20.6899,
15.8963

■ 90.6014, 97.5552,
104.9527

■ 40.0493, 20.3697,
14.3642

■ 91.4662, 98.1525,
108.7323

Harmonies

Analogous

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



50.5661, 39.1697, 72.9863



54.0441, 39.1697, 47.3599



52.5385, 39.1697, 27.6444

Triad

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



54.0441, 39.1697, 47.3599



31.5355, 39.1697, 14.3693



29.1370, 39.1697, 87.0775

Complementary

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



54.0441, 39.1697, 47.3599



52.3630, 74.2885, 65.0092

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.



25.2273, 39.1697, 62.2879



54.0441, 39.1697, 47.3599



26.4721, 39.1697, 22.1551

Square

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



54.0441, 39.1697, 47.3599



38.8401, 39.1697, 12.7874



24.3237, 39.1697, 38.2616



35.6643, 39.1697, 100.4955

Rectangle

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



54.0441, 39.1697, 47.3599



49.0029, 39.1697, 19.4341



24.3237, 39.1697, 38.2616



27.5115, 39.1697, 79.4580

Sweetspot

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



54.0452, 39.1716, 47.3607



81.5224, 78.0287, 88.7175



48.0012, 35.0918, 90.6298



17.0484, 16.0567, 18.3720



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.



54.0452, 39.1716, 47.3607



54.8928, 36.4848, 43.7249



51.4090, 40.2534, 26.8924



16.7850, 16.5968, 18.6142



21.6406, 10.9997, 8.0817



1.9519, 0.9867, 0.9733

Inverse Universe

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



54.0452, 39.1716, 47.3607



54.8928, 36.4848, 43.7249



55.8741, 71.2503, 97.1941



16.7850, 16.5968, 18.6142



21.6406, 10.9997, 8.0817



1.9519, 0.9867, 0.9733

Previews

White Background



This preview shows how the XYZ color 54.0441, 39.1697, 47.3599 looks on a white background.

Color Contrast Check

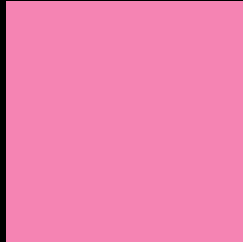
Large Text (above 18pt) WCAG AA × Fail

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 54.0441, 39.1697, 47.3599 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 54.0441, 39.1697, 47.3599

Background



This preview shows how black text looks on a background with the XYZ color 54.0441, 39.1697, 47.3599.



This preview shows how white text looks on a background with the XYZ color 54.0441, 39.1697,

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

54.0441, 39.1697, 47.3599

Protanopia

39.0593, 39.4315, 60.8107

Deuteranopia

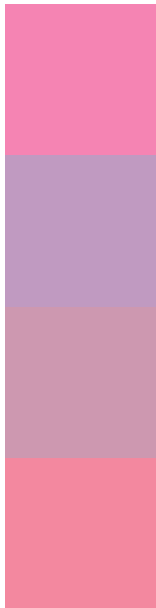
40.0286, 39.1955, 45.5001



Tritanopia

51.0517, 39.1923, 32.8911

Trichromacy



Original Color

54.0441, 39.1697, 47.3599

Protanomaly

42.9195, 38.1679, 55.5571

Deuteranomaly

44.2415, 38.5702, 46.1873

Tritanomaly

52.0243, 39.1662, 37.6187

Monochromacy



Original Color

54.0441, 39.1697, 47.3599

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

42.9857, 39.1757, 45.3405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0441, 39.1697, 47.3599 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(245, 132, 179)` looks like.

```
.text, #text, p{  
    color:rgb(245, 132, 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(245, 132, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 132, 179) }
```

Border

The CSS property to change the border of an element to XYZ 54.0441, 39.1697, 47.3599 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(245, 132, 179) }
```


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

```
.border{ border-color:rgb(245, 132, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 132, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 132, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 132, 179);  
box-shadow:4px 4px 4px 4px rgb(245, 132,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0441, 39.1697, 47.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 132, 179) }
```

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

```
.background{ background-color: rgb(245,  
132, 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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