

Converting Colors

XYZ(52.9407, 39.1028, 47.1563)

Have a look what the booklet for
XYZ(52.9407, 39.1028, 47.1563)
contains.

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Color

**XYZ(52.9374, 39.0056,
47.3866)**

Conversions

Conversions Part 1

Format	Color
Hex	F186B3
RGB	241, 134, 179
RGB Percent	95%, 53%, 70%
CMY	0.0549, 0.4745, 0.2980
CMYK	0.00, 0.44, 0.26, 0.05
HSL	335°, 79%, 74%
HSV	335°, 44%, 95%
XYZ	52.9374, 39.0056, 47.3866
YIQ	171.1230, 49.3270, 36.6790

Conversions

Conversions Part 2

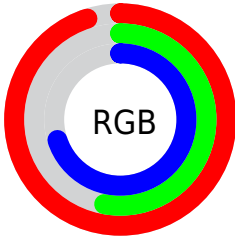
Format	Color
R_{YB}	241, 134, 179
Decimal	15828659
CIE _{Lab}	68.76, 46.06, -5.43
CIE _{LCh}	69, 46.376, 353.271
Yxy	39.0056, 0.3799, 0.2800
Android (android.graphics.Color)	4294018739 (0xFFFF186B3)
YUV	171.1230, 3.8834, 61.2821
Hunter-Lab	62.4545, 42.0041, -1.2675

Details

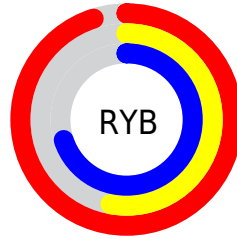
The XYZ color **52.9374, 39.0056, 47.3866** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.2524, 71.9655, 63.4174**, and the grayscale version is **38.7353, 40.7525, 44.3795**.

A 20% lighter version of the original color is **74.4330, 63.6534, 86.9605**, and **26.2368, 17.4585, 21.7257** is the 20% darker color. If you saturate the color by 10%, you get **48.6364, 32.5504, 39.3338**, and if you desaturate by 10%, it is **58.1426, 47.0396, 56.4474**.

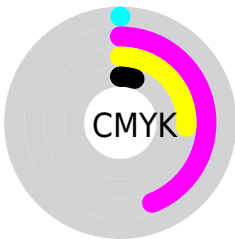
Distribution



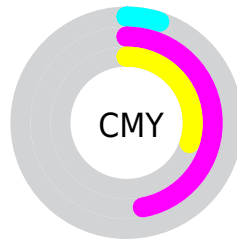
- Red (95%)
- Green (53%)
- Blue (70%)



- Red (95%)
- Yellow (53%)
- Blue (70%)



- Cyan (0%)
- Magenta (44%)
- Yellow (26%)
- Black (5%)




- Cyan (5%)
- Magenta (47%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9374, 39.0056, 47.3866 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 52.9374, 39.0056, 47.3866 by changing the saturation by 10% instead.


 52.9374, 39.0056,
47.3866


 52.9374, 39.0056,
47.3866


388.3097,
341.9143, 392.7939


 37.9801, 26.7641,
32.9848

 93.6783, 73.6469,
87.6464

 26.1444, 17.3961,
21.8438


 120.1926, 96.8154,
114.3416

 17.0649, 10.5173,
13.5450


 151.2900,
124.3951, 145.9716

 10.3764, 5.7433,
7.6698

187.3357,
156.7703, 182.9551

 5.7134, 2.6896,
3.7996

228.6952,
194.3254, 225.7105

 2.7106, 0.9719,
1.5161

275.7338,

 1.0026, 0.0000,

237.4449, 274.6564

0.2299

328.8168,
286.5130, 330.2114

■ 0.0000, 0.0000,
0.0000

■ 52.9374, 39.0056,
47.3866

■ 52.9374, 39.0056,
47.3866

■ 48.6364, 32.5504,
39.3338

■ 58.1426, 47.0396,
56.4474

■ 45.1798, 27.5622,
32.2470

■ 64.3001, 56.7430,
66.5509

■ 42.5054, 23.9234,
26.0840

■ 71.4583, 68.2061,
77.7331

■ 40.5403, 21.4956,
20.7973

■ 79.6612, 81.5111,
90.0271

■ 39.1960, 20.1097,
16.3332

■ 88.9504, 96.7351,
103.4645

■ 38.6419, 19.6473,
14.1574

■ 90.0858, 97.4408,
108.6677

Harmonies

Analogous

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



49.5801, 39.0056, 71.5319



52.9374, 39.0056, 47.3866



51.6153, 39.0056, 28.4143

Triad

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



52.9374, 39.0056, 47.3866



31.7705, 39.0056, 15.1017



29.2549, 39.0056, 83.8210

Complementary

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



52.9374, 39.0056, 47.3866



51.2524, 71.9655, 63.4174

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.



25.5571, 39.0056, 60.5328



52.9374, 39.0056, 47.3866



26.8699, 39.0056, 22.5880

Square

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



52.9374, 39.0056, 47.3866



38.7527, 39.0056, 13.6402



24.7454, 39.0056, 37.9067



35.4438, 39.0056, 96.6140

Rectangle

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



52.9374, 39.0056, 47.3866



48.3334, 39.0056, 20.3459



24.7454, 39.0056, 37.9067



27.7143, 39.0056, 76.6539

Sweetspot

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



52.9385, 39.0075, 47.3874



82.4314, 79.4669, 90.1916



46.8150, 34.9566, 87.4993



17.2289, 16.3403, 18.6712



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.



52.9385, 39.0075, 47.3874



55.8429, 37.8187, 45.7871



50.1247, 39.5131, 27.5415



16.0486, 15.8691, 17.8120



21.0185, 10.6798, 8.0137



1.7971, 0.9079, 0.9226

Inverse Universe

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



52.9385, 39.0075, 47.3874



55.8429, 37.8187, 45.7871



55.0949, 70.1899, 93.8636



16.0486, 15.8691, 17.8120



21.0185, 10.6798, 8.0137



1.7971, 0.9079, 0.9226

Previews

White Background



This preview shows how the XYZ color 52.9374, 39.0056, 47.3866 looks on a white background.

Color Contrast Check

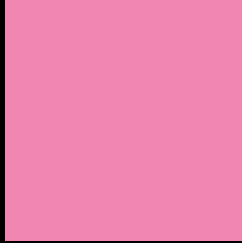
Large Text (above 18pt) WCAG AA × Fail

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 52.9374, 39.0056, 47.3866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

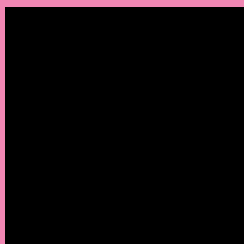
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9374, 39.0056, 47.3866

Background



This preview shows how black text looks on a background with the XYZ color 52.9374, 39.0056, 47.3866.



This preview shows how white text looks on a background with the XYZ color 52.9374, 39.0056,

47.3866.

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

52.9374, 39.0056, 47.3866

Protanopia

38.9420, 39.3846, 60.1931

Deuteranopia

40.0286, 39.1955, 45.5001



Tritanopia

49.9975, 38.8444, 33.7167

Trichromacy



Original Color

52.9374, 39.0056, 47.3866



Protanomaly

42.4710, 38.1956, 55.0032



Deuteranomaly

43.6933, 38.2876, 46.1616



Tritanomaly

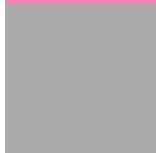
50.9753, 38.8153, 38.5236

Monochromacy



Original Color

52.9374, 39.0056, 47.3866



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

42.6318, 39.2455, 45.3726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9374, 39.0056, 47.3866 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(241, 134, 179)` looks like.

```
.text, #text, p{  
    color:rgb(241, 134, 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(241, 134, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 134, 179) }
```

Border

The CSS property to change the border of an element to XYZ 52.9374, 39.0056, 47.3866 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(241, 134, 179) }
```


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

```
.border{ border-color:rgb(241, 134, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 134, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 134, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 134, 179);  
box-shadow:4px 4px 4px 4px rgb(241, 134,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9374, 39.0056, 47.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 134, 179) }
```

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

```
.background{ background-color: rgb(241,  
134, 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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