

Converting Colors

XYZ(54.3439, 47.4109, 81.8883)

Have a look what the booklet for
XYZ(54.3439, 47.4109, 81.8883)
contains.

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Color

**XYZ(54.3439, 47.4109,
81.8883)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA9E7
RGB	207, 169, 231
RGB Percent	81%, 66%, 91%
CMY	0.1882, 0.3372, 0.0941
CMYK	0.10, 0.27, 0.00, 0.09
HSL	277°, 56%, 78%
HSV	277°, 27%, 91%
XYZ	54.3439, 47.4109, 81.8883
YIQ	187.4300, 2.7460, 27.3380

Conversions

Conversions Part 2

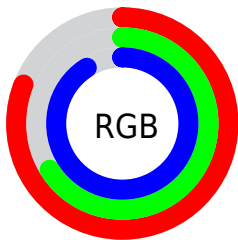
Format	Color
R _Y B	207, 169, 231
Decimal	13609447
CIE Lab	74.45, 25.11, -25.93
CIE LCh	74, 36.097, 314.087
Yxy	47.4109, 0.2959, 0.2582
Android (android.graphics.Color)	4291799527 (0xFFCFA9E7)
YUV	187.4300, 21.4800, 17.1629
Hunter-Lab	68.8556, 20.3829, -22.3133

Details

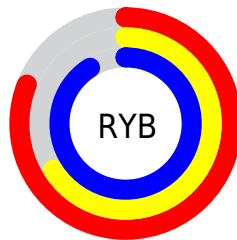
The XYZ color **54.3439, 47.4109, 81.8883** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.7313, 71.3551, 48.2685**, and the grayscale version is **47.3596, 49.8259, 54.2604**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **27.0480, 22.4931, 43.4735** is the 20% darker color. If you saturate the color by 10%, you get **47.9926, 38.3118, 80.4675**, and if you desaturate by 10%, it is **61.5990, 58.1053, 83.5709**.

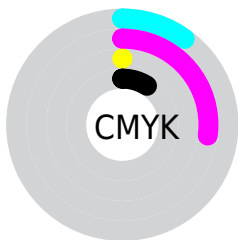
Distribution



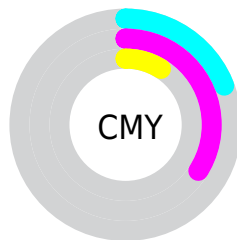
- Red (81%)
- Green (66%)
- Blue (91%)



- Red (81%)
- Yellow (66%)
- Blue (91%)



- Cyan (10%)
- Magenta (27%)
- Yellow (0%)
- Black (9%)



- Cyan (19%)
- Magenta (34%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3439, 47.4109, 81.8883 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 54.3439, 47.4109, 81.8883 by changing the saturation by 10% instead.

54.3439, 47.4109,
81.8883

54.3439, 47.4109,
81.8883

393.5970,
376.4523, 521.1476

39.1084, 33.3606,
60.7382

95.7329, 86.3266,
137.8526

27.0252, 22.4028,
43.5847

122.6172,
111.9609, 173.5039

17.7288, 14.1532,
30.0094

154.1152,
142.2252, 214.8260

10.8540, 8.2273,
19.5936

190.5921,
177.5041, 262.2375

6.0353, 4.2407,
11.9188

232.4134,
218.1818, 316.1568

2.9074, 1.8091,
6.5666

279.9444,

1.1050, 0.4928,

264.6428, 377.0026

3.1182

333.5505,
317.2715, 445.1934

■ 0.0293, 0.0000,
1.1553

■ 0.0000, 0.0000,
0.0000

■ 54.3439, 47.4109,
81.8883

■ 54.3439, 47.4109,
81.8883

■ 47.9926, 38.3118,
80.4675

■ 61.5990, 58.1053,
83.5709

■ 42.4981, 30.7209,
79.2919

■ 69.7924, 70.4641,
85.5245

■ 37.8160, 24.5517,
78.3479

■ 78.9627, 84.5598,
87.7619

■ 33.8956, 19.7062,
77.6192

■ 87.0670, 96.3035,
89.6016

■ 30.6796, 16.0739,
77.0876

■ 90.2249, 97.9314,
89.7494

■ 28.1013, 13.5250,
76.7315

■ 91.4239, 98.5496,
89.8055

■ 26.0760, 11.8941,
76.5235

■ 25.5072, 11.4832,
76.4742

Harmonies

Analogous

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



48.1782, 47.4109, 94.7803



54.3439, 47.4109, 81.8883



58.2030, 47.4109, 62.0877

Triad

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



54.3439, 47.4109, 81.8883



48.5823, 47.4109, 24.2540



33.9801, 47.4109, 60.8477

Complementary

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



54.3439, 47.4109, 81.8883



57.7313, 71.3551, 48.2685

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.



34.0658, 47.4109, 42.4046



54.3439, 47.4109, 81.8883



42.0844, 47.4109, 24.0756

Square

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



54.3439, 47.4109, 81.8883



54.6642, 47.4109, 30.4833



36.9033, 47.4109, 29.9181



36.6569, 47.4109, 80.7941

Rectangle

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



54.3439, 47.4109, 81.8883



58.7357, 47.4109, 49.1097



36.9033, 47.4109, 29.9181



33.6955, 47.4109, 54.2194

Sweetspot

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



54.3454, 47.4129, 81.8893



86.0381, 86.2008, 106.7115



50.0351, 52.7011, 83.1373



18.0719, 17.9288, 22.7581



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.



54.3454, 47.4129, 81.8893



63.6290, 53.0143, 101.4869



60.7077, 50.7922, 77.6964



14.4266, 14.3221, 18.1484



14.4424, 6.5112, 42.8788



1.1704, 0.5343, 3.1734

Inverse Universe

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



56.7702, 49.2172, 56.9620



67.2784, 55.7080, 64.9567



52.6973, 68.6911, 51.1440



14.6068, 14.4599, 16.1297



19.5523, 9.9551, 6.5373



1.4892, 0.7534, 0.7168

Previews

White Background



This preview shows how the XYZ color 54.3439, 47.4109, 81.8883 looks on a white background.

Color Contrast Check

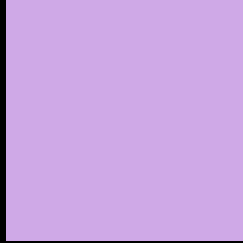
Large Text (above 18pt) WCAG AA × Fail

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 54.3439, 47.4109, 81.8883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

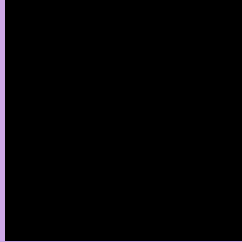
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3439, 47.4109, 81.8883

Background



This preview shows how black text looks on a background with the XYZ color 54.3439, 47.4109, 81.8883.



This preview shows how white text looks on a background with the XYZ color 54.3439, 47.4109,

81.8883.

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

54.3439, 47.4109, 81.8883

Protanopia

48.4005, 47.6638, 89.0871

Deuteranopia

48.8242, 47.7646, 80.7749



Tritanopia

49.1038, 47.5795, 55.3109

Trichromacy



Original Color

54.3439, 47.4109, 81.8883

Protanomaly

50.2996, 47.5038, 86.6388

Deuteranomaly

50.7945, 47.5827, 81.3701

Tritanomaly

50.7841, 47.3764, 64.2256

Monochromacy



Original Color

54.3439, 47.4109, 81.8883

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.3489, 48.4236, 63.2456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3439, 47.4109, 81.8883 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(207, 169, 231)` looks like.

```
.text, #text, p{  
    color:rgb(207, 169, 231)  
}
```

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(207, 169, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 169, 231) }
```

Border

The CSS property to change the border of an element to XYZ 54.3439, 47.4109, 81.8883 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(207, 169, 231) }
```


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

```
.border{ border-color:rgb(207, 169, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 169, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 169, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 169, 231);  
box-shadow:4px 4px 4px 4px rgb(207, 169,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3439, 47.4109, 81.8883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 169, 231) }
```

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

```
.background{ background-color: rgb(207,  
169, 231) }
```

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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