

Converting Colors

XYZ(47.4550, 39.5057, 82.6782)

Have a look what the booklet for
XYZ(47.4550, 39.5057, 82.6782)
contains.

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Color

**XYZ(47.5654, 39.4734,
82.9541)**

Conversions

Conversions Part 1

Format	Color
Hex	BF98EA
RGB	191, 152, 234
RGB Percent	75%, 60%, 92%
CMY	0.2510, 0.4039, 0.0823
CMYK	0.18, 0.35, 0.00, 0.08
HSL	269°, 66%, 76%
HSV	269°, 35%, 92%
XYZ	47.5654, 39.4734, 82.9541
YIQ	173.0090, -3.0780, 33.7700

Conversions

Conversions Part 2

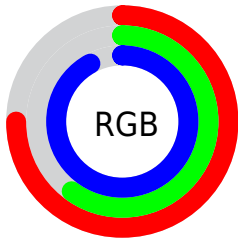
Format	Color
RYB	191, 152, 234
Decimal	12556522
CIELab	69.09, 30.19, -35.95
CIELCh	69, 46.946, 310.018
Yxy	39.4734, 0.2798, 0.2322
Android (android.graphics.Color)	4290746602 (0xFFBF98EA)
YUV	173.0090, 30.0686, 15.7781
Hunter-Lab	62.8279, 25.1891, -34.3034

Details

The XYZ color **47.5654, 39.4734, 82.9541** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **57.5972, 72.7157, 40.7073**, and the grayscale version is **39.5790, 41.6402, 45.3462**.

A 20% lighter version of the original color is **79.0742, 71.8021, 104.2993**, and **22.7464, 17.5629, 44.3106** is the 20% darker color. If you saturate the color by 10%, you get **41.1780, 31.0887, 81.6730**, and if you desaturate by 10%, it is **54.9632, 49.4930, 84.4988**.

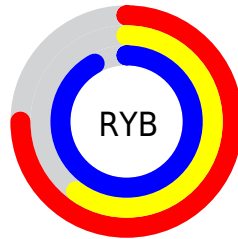
Distribution



Red (75%)

Green (60%)

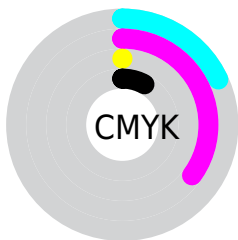
Blue (92%)



Red (75%)

Yellow (60%)

Blue (92%)

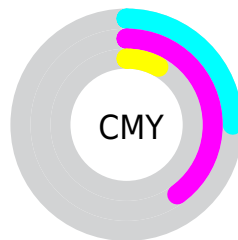


Cyan (18%)

Magenta (35%)

Yellow (0%)

Black (8%)



Cyan (25%)


Magenta (40%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5654, 39.4734, 82.9541 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 47.5654, 39.4734, 82.9541 by changing the saturation by 10% instead.


 47.5654, 39.4734,
82.9541

 47.5654, 39.4734,
82.9541


367.6782,
343.8990, 524.8005

 33.6927, 27.1282,
61.6119


 85.7706, 74.3610,
139.3598

 22.8194, 17.6695,
44.2854


 110.8338, 97.6721,
175.2604

 14.5801, 10.7130,
30.5561


140.3578,
125.4074, 216.8509

 8.6096, 5.8742,
20.0055

174.7080,
157.9511, 264.5498

 4.5425, 2.7687,
12.2149

214.2498,
195.6878, 318.7757

 2.0134, 1.0122,
6.7659

259.3486,

 0.6415, 0.0000,

239.0017, 379.9471

3.2399

310.3696,
288.2773, 448.4825

■ 0.0000, 0.0000,
1.2184

■ 0.0000, 0.0000,
0.0000

■ 47.5654, 39.4734,
82.9541

■ 47.5654, 39.4734,
82.9541

■ 41.1780, 31.0887,
81.6730

■ 54.9632, 49.4930,
84.4988

■ 35.7464, 24.2422,
80.6378

■ 63.4142, 61.2269,
86.3183

■ 31.2165, 18.8343,
79.8327

■ 72.9632, 74.7554,
88.4263

■ 27.5264, 14.7512,
79.2391

■ 83.6512, 90.1519,
90.8348

■ 24.6046, 11.8609,
78.8352

■ 90.8855, 98.2226,
92.0113

■ 22.3651, 10.0021,
78.5944

■ 91.8514, 98.7206,
92.0565

■ 21.4439, 9.3391,
78.5150

Harmonies

Analogous

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



40.0805, 39.4734, 97.7578



47.5654, 39.4734, 82.9541



52.7515, 39.4734, 58.6773

Triad

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



47.5654, 39.4734, 82.9541



42.6599, 39.4734, 14.6963



25.0444, 39.4734, 50.5639

Complementary

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



47.5654, 39.4734, 82.9541



57.5972, 72.7157, 40.7073

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.



25.5424, 39.4734, 30.3659



47.5654, 39.4734, 82.9541



35.0676, 39.4734, 13.8078

Square

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



47.5654, 39.4734, 82.9541



49.6683, 39.4734, 21.5337



28.9961, 39.4734, 18.4926



27.5313, 39.4734, 75.3439

Rectangle

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



47.5654, 39.4734, 82.9541



53.8475, 39.4734, 42.9671



28.9961, 39.4734, 18.4926



24.8771, 39.4734, 42.9926

Sweetspot

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



47.5668, 39.4750, 82.9550



81.5394, 80.7070, 105.8882



47.4814, 51.9771, 85.3726



17.1212, 16.8063, 22.5915



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.



47.5668, 39.4750, 82.9550



52.1343, 40.4884, 99.6750



59.1218, 45.4318, 83.4958



14.9127, 14.9003, 19.0123



12.1934, 5.3219, 44.1275



1.0679, 0.4748, 3.4702

Inverse Universe

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



55.0115, 43.8906, 57.2036



62.7208, 46.7711, 62.8880



48.5581, 68.0559, 40.2843



15.3954, 15.1860, 17.3677



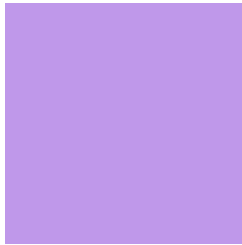
21.1307, 10.6550, 11.7554



1.7079, 0.8561, 1.1789

Previews

White Background



This preview shows how the XYZ color 47.5654, 39.4734, 82.9541 looks on a white background.

Color Contrast Check

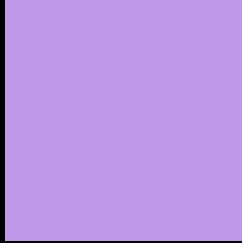
Large Text (above 18pt) WCAG AA × Fail

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 47.5654, 39.4734, 82.9541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

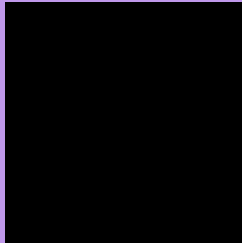
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5654, 39.4734, 82.9541

Background



This preview shows how black text looks on a background with the XYZ color 47.5654, 39.4734, 82.9541.



This preview shows how white text looks on a background with the XYZ color 47.5654, 39.4734,

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

47.5654, 39.4734, 82.9541

Protanopia

41.4453, 39.7046, 91.8656

Deuteranopia

40.8202, 39.8910, 81.1496



Tritanopia

40.2673, 39.5490, 47.1064

Trichromacy



Original Color

47.5654, 39.4734, 82.9541

Protanomaly

43.1193, 39.3142, 88.5349

Deuteranomaly

43.0029, 39.6662, 81.7338

Tritanomaly

42.7714, 39.5331, 58.8024

Monochromacy



Original Color

47.5654, 39.4734, 82.9541

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.1279, 40.5537, 57.2370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5654, 39.4734, 82.9541 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(191, 152, 234)` looks like.

```
.text, #text, p{  
    color:rgb(191, 152, 234)  
}
```

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(191, 152, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 152, 234) }
```

Border

The CSS property to change the border of an element to XYZ 47.5654, 39.4734, 82.9541 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(191, 152, 234) }
```


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

```
.border{ border-color:rgb(191, 152, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 152, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 152, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 152, 234);  
box-shadow:4px 4px 4px 4px rgb(191, 152,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5654, 39.4734, 82.9541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 152, 234) }
```

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

```
.background{ background-color: rgb(191,  
152, 234) }
```

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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