

Converting Colors

XYZ(39.4352, 29.9128, 71.4054)

Have a look what the booklet for
XYZ(39.4352, 29.9128, 71.4054)
contains.

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Color

**XYZ(39.4352, 29.9128,
71.4054)**

Conversions

Conversions Part 1

Format	Color
Hex	B57EDC
RGB	181, 126, 220
RGB Percent	71%, 49%, 86%
CMY	0.2902, 0.5059, 0.1373
CMYK	0.18, 0.43, 0.00, 0.14
HSL	275°, 57%, 68%
HSV	275°, 43%, 86%
XYZ	39.4352, 29.9128, 71.4054
YIQ	153.1610, 2.6060, 40.8940

Conversions

Conversions Part 2

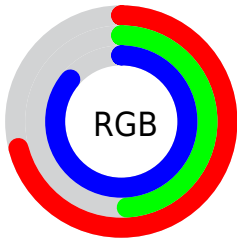
Format	Color
R _Y B	181, 126, 220
Decimal	11894492
CIE Lab	61.58, 38.53, -40.00
CIE LCh	62, 55.543, 313.925
Yxy	29.9128, 0.2802, 0.2125
Android (android.graphics.Color)	4290084572 (0xFFB57EDC)
YUV	153.1610, 32.9516, 24.4148
Hunter-Lab	54.6926, 32.9925, -39.1228

Details

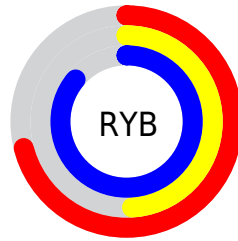
The XYZ color **39.4352, 29.9128, 71.4054** is a light color, and the websafe version is hex **CC99FF**, and the color name is **lavender (floral)**. A complement of this color would be **44.8770, 60.6927, 29.0895**, and the grayscale version is **30.2096, 31.7828, 34.6115**.

A 20% lighter version of the original color is **69.6312, 58.0397, 102.1406**, and **17.8211, 12.1481, 36.5275** is the 20% darker color. If you saturate the color by 10%, you get **34.8548, 23.8252, 70.4723**, and if you desaturate by 10%, it is **44.7765, 37.3122, 72.5526**.

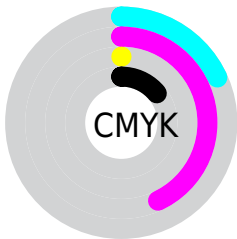
Distribution



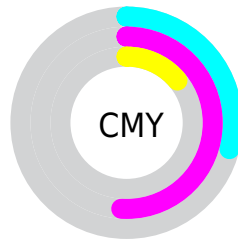
- Red (71%)
- Green (49%)
- Blue (86%)



- Red (71%)
- Yellow (49%)
- Blue (86%)



- Cyan (18%)
- Magenta (43%)
- Yellow (0%)
- Black (14%)





- Cyan (29%)
- Magenta (51%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4352, 29.9128, 71.4054 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 39.4352, 29.9128, 71.4054 by changing the saturation by 10% instead.


 39.4352, 29.9128,
71.4054


 39.4352, 29.9128,
71.4054


334.9126,
301.4978, 484.3912


 27.2807, 19.7724,
52.1892


 73.5925, 59.5242,
122.9106

 17.9218, 12.2297,
36.7727


 96.3260, 79.7641,
156.0368

 10.9932, 6.9003,
24.7371


 123.3166,
104.1392, 194.6367

 6.1295, 3.3998,
15.6641

154.9296,
133.0340, 239.1288

 2.9654, 1.3439,
9.1350

191.5303,
166.8329, 289.9318

 1.1355, 0.1748,
4.7313

233.4842,

 0.0545, 0.0000,

205.9202, 347.4642

2.0345

281.1565,
250.6804, 412.1445

■ 0.0000, 0.0000,
0.5764

■ 0.0000, 0.0000,
0.0000

■ 39.4352, 29.9128,
71.4054

■ 39.4352, 29.9128,
71.4054

■ 34.8548, 23.8252,
70.4723

■ 44.7765, 37.3122,
72.5526

■ 30.9884, 18.9623,
69.7374


■ 50.9154, 46.0956,
73.9244


■ 27.7885, 15.2322,
69.1861


■ 57.8897, 56.3341,
75.5331


■ 25.1993, 12.5275,
68.8005


■ 65.7338, 68.0929,
77.3893


 23.1541, 10.7192,
68.5593


 74.4801, 81.4330,
79.5032

 21.9299, 9.8129,
68.4489

 83.1934, 94.4805,
81.5624

 86.2981, 96.0810,
81.7077

 89.5598, 97.7625,
81.8604

 89.9184, 97.9473,
81.8771

Harmonies

Analogous

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



31.9786, 29.9128, 89.9571



39.4352, 29.9128, 71.4054



44.3330, 29.9128, 45.1464

Triad

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



39.4352, 29.9128, 71.4054



32.5374, 29.9128, 7.0698



16.7780, 29.9128, 43.3421

Complementary

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



39.4352, 29.9128, 71.4054



44.8770, 60.6927, 29.0895

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.



16.8750, 29.9128, 22.5772



39.4352, 29.9128, 71.4054



25.1564, 29.9128, 6.9284

Square

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



39.4352, 29.9128, 71.4054



39.9047, 29.9128, 11.7527



19.6921, 29.9128, 11.2153



19.3992, 29.9128, 69.6034

Rectangle

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



39.4352, 29.9128, 71.4054



45.0369, 29.9128, 29.8711



19.6921, 29.9128, 11.2153



16.5099, 29.9128, 35.4267

Sweetspot

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



39.4363, 29.9140, 71.4061



80.4913, 78.1271, 105.4454



35.0087, 36.5745, 72.9250



16.7443, 16.0061, 22.4569



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.



39.4363, 29.9140, 71.4061



49.4764, 34.2981, 98.6202



48.8815, 34.9003, 66.5583



13.0650, 12.9916, 16.4712



12.9999, 5.8259, 40.1777



0.9394, 0.4275, 2.6075

Inverse Universe

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



43.7684, 32.8551, 39.6331



56.6945, 39.1655, 47.1697



38.4898, 57.3393, 31.5336



13.2790, 13.1407, 14.7302



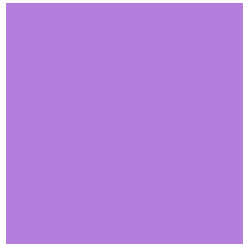
18.4900, 9.3970, 6.9602



1.2401, 0.6257, 0.6734

Previews

White Background



This preview shows how the XYZ color 39.4352, 29.9128, 71.4054 looks on a white background.

Color Contrast Check

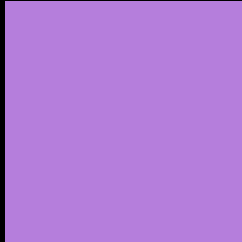
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.4352, 29.9128, 71.4054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

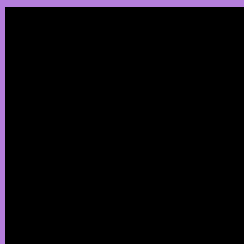
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.4352, 29.9128, 71.4054

Background



This preview shows how black text looks on a background with the XYZ color 39.4352, 29.9128, 71.4054.



This preview shows how white text looks on a background with the XYZ color 39.4352, 29.9128,

71.4054.

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

39.4352, 29.9128, 71.4054

Protanopia

32.5044, 30.2496, 84.2464

Deuteranopia

31.0106, 30.2753, 69.1750



Tritanopia

31.7699, 29.8628, 33.7954

Trichromacy



Original Color

39.4352, 29.9128, 71.4054

Protanomaly

34.1377, 29.6380, 79.5228

Deuteranomaly

33.2302, 29.6056, 69.6087

Tritanomaly

34.1955, 29.7813, 45.5410

Monochromacy



Original Color

39.4352, 29.9128, 71.4054

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.8625, 30.6058, 45.7704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4352, 29.9128, 71.4054 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(181, 126, 220)` looks like.

```
.text, #text, p{  
    color:rgb(181, 126, 220)  
}
```

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(181, 126, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 126, 220) }
```

Border

The CSS property to change the border of an element to XYZ 39.4352, 29.9128, 71.4054 is called "border". The border property can be set on classes, ids or directly on the HTML element.

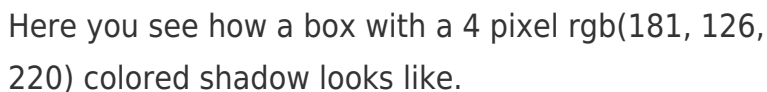
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 126, 220) }
```


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

```
.border{ border-color:rgb(181, 126, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 126, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 126, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 126, 220); box-shadow:4px 4px 4px 4px rgb(181, 126, 220) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4352, 29.9128, 71.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 126, 220) }
```

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

```
.background{ background-color: rgb(181,  
126, 220) }
```

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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