

Converting Colors

XYZ(41.4379, 38.7777, 50.3264)

Have a look what the booklet for
XYZ(41.4379, 38.7777, 50.3264)
contains.

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Color

**XYZ(41.4389, 38.7800,
50.1010)**

Conversions

Conversions Part 1

Format	Color
Hex	BB9FB7
RGB	187, 159, 183
RGB Percent	73%, 62%, 72%
CMY	0.2667, 0.3765, 0.2823
CMYK	0.00, 0.15, 0.02, 0.27
HSL	309°, 17%, 68%
HSV	309°, 15%, 73%
XYZ	41.4389, 38.7800, 50.1010
YIQ	170.1080, 8.9840, 13.4000

Conversions

Conversions Part 2

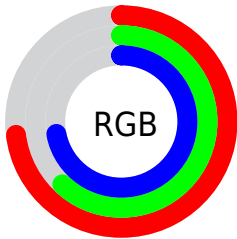
Format	Color
RYB	187, 159, 183
Decimal	12296119
CIELab	68.59, 14.52, -8.56
CIELCh	69, 16.850, 329.482
Yxy	38.7800, 0.3180, 0.2976
Android (android.graphics.Color)	4290486199 (0xFFBB9FB7)
YUV	170.1080, 6.3558, 14.8143
Hunter-Lab	62.2736, 9.8010, -4.1091

Details

The XYZ color **41.4389, 38.7800, 50.1010** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.6808, 45.5570, 41.4071**, and the grayscale version is **38.2295, 40.2204, 43.8000**.

A 20% lighter version of the original color is **76.5887, 73.3798, 91.7884**, and **19.1185, 17.1954, 23.4305** is the 20% darker color. If you saturate the color by 10%, you get **38.1882, 32.7189, 47.6588**, and if you desaturate by 10%, it is **45.1836, 45.8196, 52.7349**.

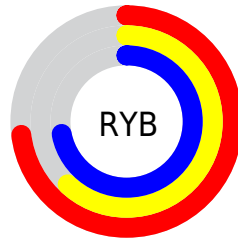
Distribution



Red (73%)

Green (62%)

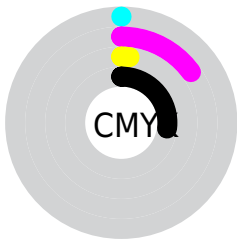
Blue (72%)



Red (73%)

Yellow (62%)

Blue (72%)

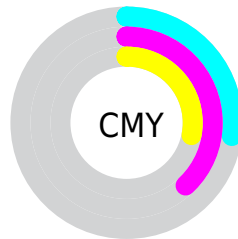


Cyan (0%)

Magenta (15%)

Yellow (2%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4389, 38.7800, 50.1010 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 41.4389, 38.7800, 50.1010 by changing the saturation by 10% instead.


 41.4389, 38.7800,
50.1010

 41.4389, 38.7800,
50.1010


343.1830,
340.9542, 403.8072

 28.8514, 26.5886,
35.1219


 76.6202, 73.3021,
91.7224

 19.1121, 17.2645,
23.4725

 99.9447, 96.4016,
119.2017

 11.8558, 10.4233,
14.7342


127.5789,
123.9060, 151.6849

 6.7171, 5.6805,
8.4885

159.8882,
156.1996, 189.5904

 3.3305, 2.6518,
4.3169

197.2379,
193.6668, 233.3369

 1.3309, 0.9528,
1.8007

239.9933,

 0.2062, 0.0000,

236.6921, 283.3428

0.4284

288.5199,
285.6598, 340.0267

■ 0.0000, 0.0000,
0.0000

■ 41.4389, 38.7800,
50.1010

■ 41.4389, 38.7800,
50.1010

■ 38.1882, 32.7189,
47.6588

■ 45.1836, 45.8196,
52.7349

■ 35.4064, 27.5876,
45.3983

■ 49.4394, 53.8733,
55.5648

■ 33.0710, 23.3410,
43.3124

■ 54.2267, 62.9815,
58.5982

■ 31.1566, 19.9279,
41.3924

■ 59.5637, 73.1806,
61.8414

■ 29.6350, 17.2924,
39.6289

■ 65.4678, 84.5053,
65.3002

■ 28.4748, 15.3712,
38.0112

■ 66.5662, 86.2099,
67.1838

■ 27.6394, 14.0915,
36.5268

■ 66.8793, 86.3352,
68.8325

■ 27.0843, 13.3645,
35.1610

■ 67.1979, 86.4626,
70.5101

■ 26.8638, 13.1129,
34.5031

■ 67.5220, 86.5922,
72.2167

Harmonies

Analogous

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



39.4317, 38.7800, 56.2886



41.4389, 38.7800, 50.1010



42.2088, 38.7800, 42.3573

Triad

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



41.4389, 38.7800, 50.1010



36.9055, 38.7800, 29.2163



32.5875, 38.7800, 49.8445

Complementary

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



41.4389, 38.7800, 50.1010



38.6808, 45.5570, 41.4071

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.



31.9819, 38.7800, 42.0926



41.4389, 38.7800, 50.1010



34.4011, 38.7800, 30.7235

Square

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



41.4389, 38.7800, 50.1010



39.5155, 38.7800, 30.8307



32.6300, 38.7800, 35.2206



34.3247, 38.7800, 56.1285

Rectangle

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



41.4389, 38.7800, 50.1010



41.8896, 38.7800, 37.5297



32.6300, 38.7800, 35.2206



32.2486, 38.7800, 47.2961

Sweetspot

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



41.4400, 38.7817, 50.1018



81.5754, 83.2934, 94.8916



36.4192, 36.1446, 52.0714



17.8440, 18.1157, 20.8148



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.4400, 38.7817, 50.1018



72.1889, 65.6625, 88.2415



40.0795, 38.2375, 42.9373



9.8698, 9.6722, 11.7031



18.5295, 9.0430, 23.8799



0.7421, 0.3607, 1.0212

Inverse Universe

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



41.4400, 38.7817, 50.1018



72.1889, 65.6625, 88.2415



39.9790, 46.0763, 48.2435



9.8698, 9.6722, 11.7031



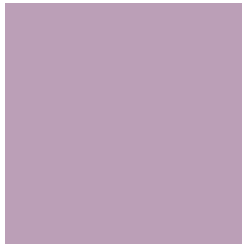
18.5295, 9.0430, 23.8799



0.7421, 0.3607, 1.0212

Previews

White Background



This preview shows how the XYZ color 41.4389, 38.7800, 50.1010 looks on a white background.

Color Contrast Check

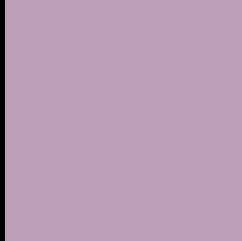
Large Text (above 18pt) WCAG AA × Fail

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 41.4389, 38.7800, 50.1010 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 41.4389, 38.7800, 50.1010

Background



This preview shows how black text looks on a background with the XYZ color 41.4389, 38.7800, 50.1010.



This preview shows how white text looks on a background with the XYZ color 41.4389, 38.7800,

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

41.4389, 38.7800, 50.1010

Protanopia

38.0232, 38.7958, 53.0613

Deuteranopia

39.6722, 38.9189, 49.6771



Tritanopia

40.5374, 38.9460, 44.9159

Trichromacy



Original Color

41.4389, 38.7800, 50.1010

Protanomaly

38.9734, 38.5102, 51.8335

Deuteranomaly

40.4199, 39.0418, 49.6614

Tritanomaly

40.7563, 38.7550, 46.9274

Monochromacy



Original Color

41.4389, 38.7800, 50.1010

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.2786, 39.5977, 46.1304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4389, 38.7800, 50.1010 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(187, 159, 183)` looks like.

```
.text, #text, p{  
    color:rgb(187, 159, 183)  
}
```

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(187, 159, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 159, 183) }
```

Border

The CSS property to change the border of an element to XYZ 41.4389, 38.7800, 50.1010 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(187, 159, 183) }
```


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

```
.border{ border-color:rgb(187, 159, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 159, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 159, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 159, 183);  
box-shadow:4px 4px 4px 4px rgb(187, 159,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4389, 38.7800, 50.1010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 159, 183) }
```

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

```
.background{ background-color: rgb(187,  
159, 183) }
```

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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