

Converting Colors

XYZ(48.4167, 38.4614, 88.3736)

Have a look what the booklet for
XYZ(48.4167, 38.4614, 88.3736)
contains.

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Color

**XYZ(48.4042, 38.3780,
88.0756)**

Conversions

Conversions Part 1

Format	Color
Hex	C292F1
RGB	194, 146, 241
RGB Percent	76%, 57%, 95%
CMY	0.2392, 0.4274, 0.0549
CMYK	0.20, 0.39, 0.00, 0.05
HSL	270°, 77%, 76%
HSV	270°, 39%, 95%
XYZ	48.4042, 38.3780, 88.0756
YIQ	171.1820, -1.8870, 39.7210

Conversions

Conversions Part 2

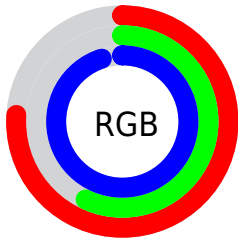
Format	Color
RYB	194, 146, 241
Decimal	12751601
CIELab	68.30, 35.93, -41.01
CIELCh	68, 54.523, 311.226
Yxy	38.3780, 0.2768, 0.2195
Android (android.graphics.Color)	4290941681 (0xFFC292F1)
YUV	171.1820, 34.4203, 20.0114
Hunter-Lab	61.9500, 31.0573, -40.9289

Details

The XYZ color **48.4042, 38.3780, 88.0756** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **58.6370, 76.3243, 38.8373**, and the grayscale version is **38.6345, 40.6465, 44.2640**.

A 20% lighter version of the original color is **79.0815, 69.6887, 103.8910**, and **23.3019, 16.9551, 47.3919** is the 20% darker color. If you saturate the color by 10%, you get **42.1352, 30.2011, 86.8284**, and if you desaturate by 10%, it is **55.7045, 48.2505, 89.5971**.

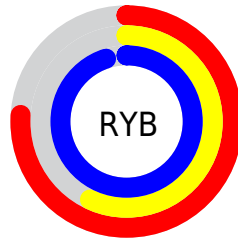
Distribution



Red (76%)

Green (57%)

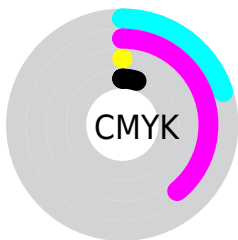
Blue (95%)



Red (76%)

Yellow (57%)

Blue (95%)

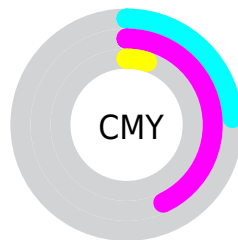


Cyan (20%)

Magenta (39%)

Yellow (0%)

Black (5%)



Cyan (24%)


Magenta (43%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4042, 38.3780, 88.0756 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 48.4042, 38.3780, 88.0756 by changing the saturation by 10% instead.


 48.4042, 38.3780,
88.0756


 48.4042, 38.3780,
88.0756


370.9480,
339.2387, 542.1585

 34.3597, 26.2762,
65.8210


 87.0120, 72.6871,
146.5745

 23.3342, 17.0304,
47.6715


 112.3059, 95.6633,
183.6558

 14.9626, 10.2562,
33.2087


142.0804,
123.0330, 226.5165

 8.8793, 5.5691,
22.0139

176.7008,
155.1806, 275.5750

 4.7190, 2.5849,
13.6687

216.5323,
192.4906, 331.2499

 2.1164, 0.9191,
7.7545

261.9405,

 0.6981, 0.0000,

235.3474, 393.9598

3.8528

313.2906,
284.1353, 464.1231

■ 0.0000, 0.0000,
1.5449

■ 0.0000, 0.0000,
0.2511

■ 48.4042, 38.3780,
88.0756

■ 48.4042, 38.3780,
88.0756

■ 42.1352, 30.2011,
86.8284

■ 55.7045, 48.2505,
89.5971

■ 36.8380, 23.6131,
85.8359

■ 64.0828, 59.9075,
91.4055

■ 32.4528, 18.5018,
85.0805

■ 73.5876, 73.4369,
93.5160

■ 28.9103, 14.7378,
84.5407

■ 84.2633, 88.9194,
95.9417

■ 26.1291, 12.1681,
84.1912

■ 92.3708, 98.8698,
97.4350

■ 23.9844, 10.5529,
83.9925

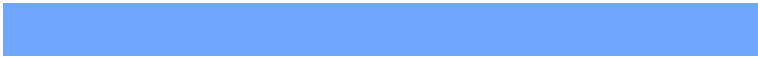
■ 92.8773, 99.1309,
97.4587

■ 23.8707, 10.4717,
83.9828

Harmonies

Analogous

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



39.7681, 38.3780, 106.9698



48.4042, 38.3780, 88.0756



54.3375, 38.3780, 58.8234

Triad

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



48.4042, 38.3780, 88.0756



42.0213, 38.3780, 11.2038



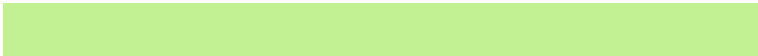
22.6250, 38.3780, 51.6270

Complementary

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



48.4042, 38.3780, 88.0756



58.6370, 76.3243, 38.8373

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.



23.0343, 38.3780, 28.4055



48.4042, 38.3780, 88.0756



33.3729, 38.3780, 10.5507

Square

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



48.4042, 38.3780, 88.0756



50.2737, 38.3780, 17.8254



26.6904, 38.3780, 15.4579



25.4683, 38.3780, 81.0730

Rectangle

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



48.4042, 38.3780, 88.0756



55.4800, 38.3780, 40.7892



26.6904, 38.3780, 15.4579



22.4000, 38.3780, 42.8012

Sweetspot

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



48.4056, 38.3796, 88.0765



80.7013, 79.2475, 105.6506



46.9133, 50.8247, 90.5573



16.9641, 16.5204, 22.5446



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.



48.4056, 38.3796, 88.0765



49.4235, 36.2862, 99.0068



62.4327, 45.6108, 88.7329



15.6585, 15.6212, 19.9115



13.1005, 5.7589, 45.5490



1.2046, 0.5383, 3.7946

Inverse Universe

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



56.1813, 43.1102, 55.8134



59.7125, 42.5449, 56.3656



48.4989, 71.0979, 38.3628



16.0988, 15.8892, 18.0767



21.5526, 10.8935, 10.8266



1.8432, 0.9263, 1.1649

Previews

White Background



This preview shows how the XYZ color 48.4042, 38.3780, 88.0756 looks on a white background.

Color Contrast Check

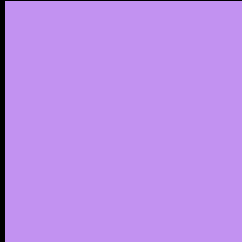
Large Text (above 18pt) WCAG AA × Fail

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 48.4042, 38.3780, 88.0756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

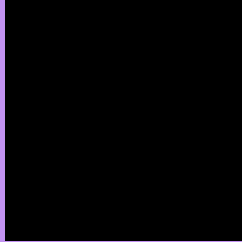
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4042, 38.3780, 88.0756

Background



This preview shows how black text looks on a background with the XYZ color 48.4042, 38.3780, 88.0756.



This preview shows how white text looks on a background with the XYZ color 48.4042, 38.3780,

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

48.4042, 38.3780, 88.0756

Protanopia

41.1570, 38.8393, 99.9353

Deuteranopia

39.5564, 38.6001, 85.4865



Tritanopia

39.6421, 38.2260, 44.8242

Trichromacy



Original Color

48.4042, 38.3780, 88.0756



Protanomaly

43.0226, 38.0840, 95.5259



Deuteranomaly

42.1567, 38.1003, 86.0211



Tritanomaly

42.4079, 38.0847, 58.5420

Monochromacy



Original Color

48.4042, 38.3780, 88.0756



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

41.4745, 39.4099, 57.6455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4042, 38.3780, 88.0756 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(194, 146, 241)` looks like.

```
.text, #text, p{  
    color:rgb(194, 146, 241)  
}
```

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(194, 146, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 146, 241) }
```

Border

The CSS property to change the border of an element to XYZ 48.4042, 38.3780, 88.0756 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(194, 146, 241) }
```


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

```
.border{ border-color:rgb(194, 146, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 146, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 146, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 146, 241);  
box-shadow:4px 4px 4px 4px rgb(194, 146,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4042, 38.3780, 88.0756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 146, 241) }
```

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

```
.background{ background-color: rgb(194,  
146, 241) }
```

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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