

Converting Colors

XYZ(48.9198, 38.7472, 89.1664)

Have a look what the booklet for
XYZ(48.9198, 38.7472, 89.1664)
contains.

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Color

**XYZ(48.9664, 38.8803,
88.9282)**

Conversions

Conversions Part 1

Format	Color
Hex	C393F2
RGB	195, 147, 242
RGB Percent	76%, 58%, 95%
CMY	0.2353, 0.4235, 0.0510
CMYK	0.19, 0.39, 0.00, 0.05
HSL	270°, 79%, 76%
HSV	270°, 39%, 95%
XYZ	48.9664, 38.8803, 88.9282
YIQ	172.1820, -1.8870, 39.7210

Conversions

Conversions Part 2

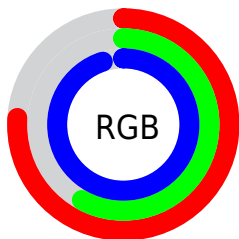
Format	Color
RYB	195, 147, 242
Decimal	12817394
CIELab	68.66, 35.89, -40.98
CIELCh	69, 54.474, 311.217
Yxy	38.8803, 0.2770, 0.2199
Android (android.graphics.Color)	4291007474 (0xFFC393F2)
YUV	172.1820, 34.4203, 20.0114
Hunter-Lab	62.3541, 31.0557, -40.9104

Details

The XYZ color **48.9664, 38.8803, 88.9282** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **59.2677, 77.0810, 39.3596**, and the grayscale version is **39.1379, 41.1761, 44.8407**.

A 20% lighter version of the original color is **79.6785, 70.3437, 103.9859**, and **23.6644, 17.2626, 47.9837** is the 20% darker color. If you saturate the color by 10%, you get **42.6213, 30.5990, 87.6648**, and if you desaturate by 10%, it is **56.3537, 48.8755, 90.4688**.

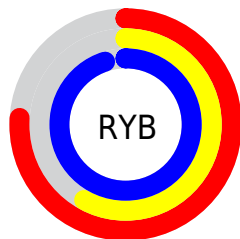
Distribution



Red (76%)

Green (58%)

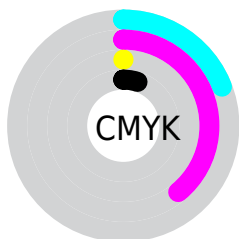
Blue (95%)



Red (76%)

Yellow (58%)

Blue (95%)

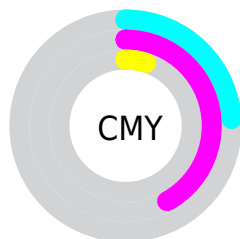


Cyan (19%)

Magenta (39%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (42%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9664, 38.8803, 88.9282 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 48.9664, 38.8803, 88.9282 by changing the saturation by 10% instead.


 48.9664, 38.8803,
88.9282


 48.9664, 38.8803,
88.9282


373.1292,
341.3813, 545.0180

 34.8073, 26.6666,
66.5233


 87.8426, 73.4554,
147.7712

 23.6803, 17.3230,
48.2382


 113.2903, 96.5857,
185.0464

 15.2201, 10.4651,
33.6542


143.2316,
124.1235, 228.1155

 9.0613, 5.7084,
22.3529

178.0318,
156.4534, 277.3970

 4.8386, 2.6686,
13.9156

218.0564,
193.9598, 333.3095

 2.1867, 0.9613,
7.9239

263.6705,

 0.7357, 0.0000,

237.0269, 396.2715

3.9592

315.2397,
286.0393, 466.7014

■ 0.0000, 0.0000,
1.6030

■ 0.0000, 0.0000,
0.2930

■ 48.9664, 38.8803,
88.9282

■ 48.9664, 38.8803,
88.9282

■ 42.6213, 30.5990,
87.6648

■ 56.3537, 48.8755,
90.4688

■ 37.2586, 23.9240,
86.6591

■ 64.8305, 60.6742,
92.2994

■ 32.8179, 18.7421,
85.8929

■ 74.4458, 74.3652,
94.4352

■ 29.2292, 14.9229,
85.3449

■ 85.2440, 90.0299,
96.8897

■ 26.4108, 12.3123,
84.9895

■ 92.9776, 99.1653,
98.2454

■ 24.2390, 10.6733,
84.7876

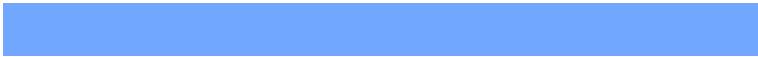
■ 93.0271, 99.1909,
98.2477

■ 24.0922, 10.5686,
84.7751

Harmonies

Analogous

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



40.2682, 38.8803, 107.9159



48.9664, 38.8803, 88.9282



54.9403, 38.8803, 59.5008

Triad

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



48.9664, 38.8803, 88.9282



42.5430, 38.8803, 11.4497



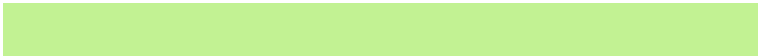
22.9828, 38.8803, 52.2392

Complementary

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



48.9664, 38.8803, 88.9282



59.2677, 77.0810, 39.3596

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.



23.3970, 38.8803, 28.8343



48.9664, 38.8803, 88.9282



33.8279, 38.8803, 10.7861

Square

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



48.9664, 38.8803, 88.9282



50.8527, 38.8803, 18.1548



27.0877, 38.8803, 15.7546



25.8519, 38.8803, 81.8711

Rectangle

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



48.9664, 38.8803, 88.9282



56.0914, 38.8803, 41.3350



27.0877, 38.8803, 15.7546



22.7560, 38.8803, 43.3490

Sweetspot

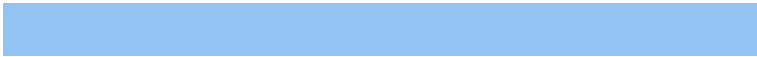
The Sweet Spot groups the original color and five complimentary colors.



48.9678, 38.8819, 88.9291



80.7014, 79.2476, 105.6506



47.4642, 51.4217, 91.4288



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.



48.9678, 38.8819, 88.9291



49.4236, 36.2863, 99.0068



63.0796, 46.1568, 89.5895



15.6585, 15.6212, 19.9115



13.1005, 5.7590, 45.5490



1.2047, 0.5383, 3.7946

Inverse Universe

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



56.7903, 43.6411, 56.4703



59.7124, 42.5448, 56.3653



49.0524, 71.8148, 38.8816



16.0988, 15.8892, 18.0767



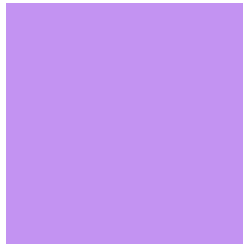
21.5526, 10.8935, 10.8264



1.8432, 0.9263, 1.1649

Previews

White Background



This preview shows how the XYZ color 48.9664, 38.8803, 88.9282 looks on a white background.

Color Contrast Check

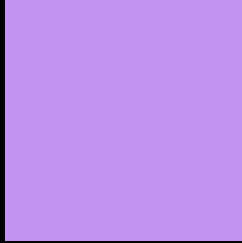
Large Text (above 18pt) WCAG AA × Fail

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 48.9664, 38.8803, 88.9282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

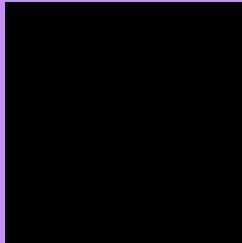
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9664, 38.8803, 88.9282

Background



This preview shows how black text looks on a background with the XYZ color 48.9664, 38.8803, 88.9282.



This preview shows how white text looks on a background with the XYZ color 48.9664, 38.8803,

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

48.9664, 38.8803, 88.9282

Protanopia

41.6585, 39.3645, 100.0102

Deuteranopia

40.2242, 39.1963, 86.3345



Tritanopia

40.1520, 38.7361, 45.4050

Trichromacy



Original Color

48.9664, 38.8803, 88.9282

Protanomaly

43.3868, 38.5239, 95.5916

Deuteranomaly

42.6761, 38.6053, 86.8637

Tritanomaly

42.9363, 38.5918, 59.2188

Monochromacy



Original Color

48.9664, 38.8803, 88.9282

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.9976, 39.9289, 58.3169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9664, 38.8803, 88.9282 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(195, 147, 242)` looks like.

```
.text, #text, p{  
    color:rgb(195, 147, 242)  
}
```

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(195, 147, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 147, 242) }
```

Border

The CSS property to change the border of an element to XYZ 48.9664, 38.8803, 88.9282 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(195, 147, 242) }
```


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

```
.border{ border-color:rgb(195, 147, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 147, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 147, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 147, 242);  
box-shadow:4px 4px 4px 4px rgb(195, 147,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9664, 38.8803, 88.9282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 147, 242) }
```

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

```
.background{ background-color: rgb(195,  
147, 242) }
```

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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