

Converting Colors

XYZ(50.7918, 39.0048, 95.4525)

Have a look what the booklet for
XYZ(50.7918, 39.0048, 95.4525)
contains.

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Color

**XYZ(50.7818, 38.9908,
95.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	C790FA
RGB	199, 144, 250
RGB Percent	78%, 56%, 98%
CMY	0.2196, 0.4353, 0.0196
CMYK	0.20, 0.42, 0.00, 0.02
HSL	271°, 91%, 77%
HSV	271°, 42%, 98%
XYZ	50.7818, 38.9908, 95.2920
YIQ	172.5290, -1.2460, 44.6260

Conversions

Conversions Part 2

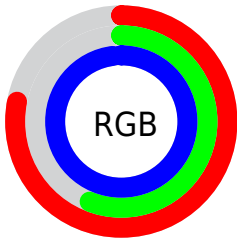
Format	Color
R _Y B	199, 144, 250
Decimal	13078778
CIE Lab	68.74, 40.44, -45.19
CIE LCh	69, 60.647, 311.823
Yxy	38.9908, 0.2744, 0.2107
Android (android.graphics.Color)	4291268858 (0xFFC790FA)
YUV	172.5290, 38.1932, 23.2151
Hunter-Lab	62.4426, 35.8915, -46.7711

Details

The XYZ color **50.7818, 38.9908, 95.2920** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **61.7264, 81.9878, 38.9590**, and the grayscale version is **39.2948, 41.3412, 45.0205**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **24.7805, 17.3442, 52.4938** is the 20% darker color. If you saturate the color by 10%, you get **44.3400, 30.6583, 94.0238**, and if you desaturate by 10%, it is **58.3170, 49.1331, 96.8532**.

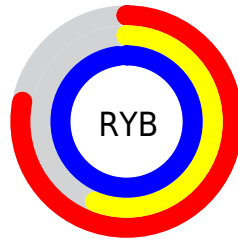
Distribution



Red (78%)

Green (56%)

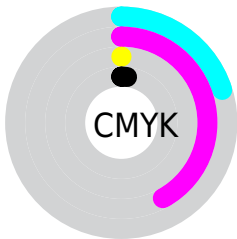
Blue (98%)



Red (78%)

Yellow (56%)

Blue (98%)

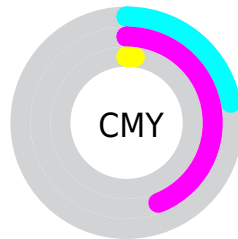


Cyan (20%)

Magenta (42%)

Yellow (0%)

Black (2%)



Cyan (22%)

Magenta (44%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7818, 38.9908, 95.2920 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 50.7818, 38.9908, 95.2920 by changing the saturation by 10% instead.


 50.7818, 38.9908,
95.2920

 50.7818, 38.9908,
95.2920

380.1171,
341.8514, 566.1076

 36.2553, 26.7526,
71.7798

 90.5171, 73.6243,
156.6670

 24.8025, 17.3875,
52.4931


 116.4566, 96.7883,
195.3669

 16.0579, 10.5111,
37.0133


146.9311,
124.3630, 239.9664

 9.6562, 5.7392,
24.9219

182.3061,
156.7329, 290.8841

 5.2321, 2.6871,
15.8004

222.9468,
194.2823, 348.5385

 2.4203, 0.9707,
9.2302

269.2186,

 0.8552, 0.0000,

237.3955, 413.3482

4.7928

321.4869,
286.4571, 485.7317

■ 0.0000, 0.0000,
2.0696

■ 0.0000, 0.0000,
0.5976

■ 50.7818, 38.9908,
95.2920

■ 50.7818, 38.9908,
95.2920

■ 44.3400, 30.6583,
94.0238

■ 58.3170, 49.1331,
96.8532

■ 38.9256, 24.0160,
93.0271

■ 66.9978, 61.1849,
98.7219

■ 34.4713, 18.9368,
92.2815

■ 76.8779, 75.2444,
100.9149

■ 30.8983, 15.2726,
91.7626

■ 88.0060, 91.4013,
103.4470

■ 28.1127, 12.8451,
91.4408

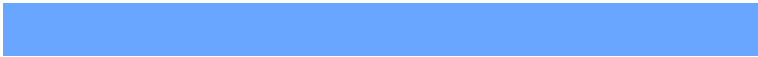
■ 94.2555, 99.6822,
104.7160

■ 26.4182, 11.6258,
91.2948

Harmonies

Analogous

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



40.9718, 38.9908, 118.0668



50.7818, 38.9908, 95.2920



57.5095, 38.9908, 61.1732

Triad

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



50.7818, 38.9908, 95.2920



43.1213, 38.9908, 9.4311



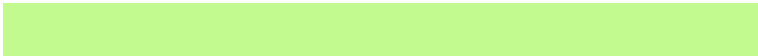
21.7692, 38.9908, 54.2334

Complementary

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



50.7818, 38.9908, 95.2920



61.7264, 81.9878, 38.9590

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.



22.1427, 38.9908, 28.0062



50.7818, 38.9908, 95.2920



33.4047, 38.9908, 8.8857

Square

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



50.7818, 38.9908, 95.2920



52.5875, 38.9908, 16.0591



26.0630, 38.9908, 13.9881



24.9356, 38.9908, 88.3644

Rectangle

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



50.7818, 38.9908, 95.2920



58.7403, 38.9908, 40.7945



26.0630, 38.9908, 13.9881



21.5022, 38.9908, 44.1586

Sweetspot

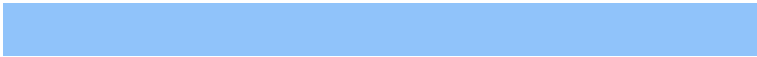
The Sweet Spot groups the original color and five complimentary colors.



50.7832, 38.9924, 95.2929



79.7451, 77.7424, 105.4105



48.3257, 51.9678, 97.9269



16.5601, 15.9112, 22.4483



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.



50.7832, 38.9924, 95.2929



47.2244, 33.1372, 98.5149



66.3781, 47.0637, 94.5833



17.1423, 17.0860, 21.7797



14.1802, 6.2528, 48.4331



1.4358, 0.6422, 4.4915

Inverse Universe

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



59.2490, 44.2121, 57.0420



57.5928, 39.5248, 51.9001



50.8586, 76.3696, 39.1609



17.5925, 17.3643, 19.7097



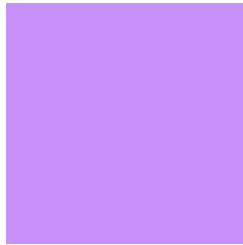
22.7911, 11.5322, 10.8745



2.1641, 1.0894, 1.2877

Previews

White Background



This preview shows how the XYZ color 50.7818, 38.9908, 95.2920 looks on a white background.

Color Contrast Check

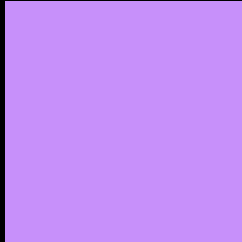
Large Text (above 18pt) WCAG AA × Fail

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 50.7818, 38.9908, 95.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

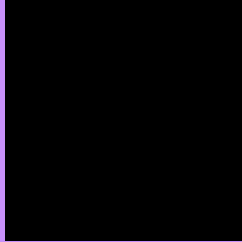
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7818, 38.9908, 95.2920

Background



This preview shows how black text looks on a background with the XYZ color 50.7818, 38.9908, 95.2920.



This preview shows how white text looks on a background with the XYZ color 50.7818, 38.9908,

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

50.7818, 38.9908, 95.2920

Protanopia

41.6585, 39.3645, 100.0102

Deuteranopia

40.2918, 39.3809, 91.8639



Tritanopia

40.5374, 38.9460, 44.9159

Trichromacy



Original Color

50.7818, 38.9908, 95.2920



Protanomaly

44.0847, 38.5767, 98.0510



Deuteranomaly

43.2872, 38.7808, 93.1996



Tritanomaly

43.7498, 38.7361, 60.4293

Monochromacy



Original Color

50.7818, 38.9908, 95.2920



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

42.7543, 40.0028, 60.7263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7818, 38.9908, 95.2920 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(199, 144, 250)` looks like.

```
.text, #text, p{  
    color:rgb(199, 144, 250)  
}
```

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(199, 144, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 144, 250) }
```

Border

The CSS property to change the border of an element to XYZ 50.7818, 38.9908, 95.2920 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(199, 144, 250) }
```


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

```
.border{ border-color:rgb(199, 144, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 144, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 144, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 144, 250);  
box-shadow:4px 4px 4px 4px rgb(199, 144,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7818, 38.9908, 95.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 144, 250) }
```

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

```
.background{ background-color: rgb(199,  
144, 250) }
```

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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