

Converting Colors

XYZ(57.2735, 50.4759,
101.3319)

Have a look what the booklet for
XYZ(57.2735, 50.4759, 101.3319)
contains.

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Color

**XYZ(57.3948, 50.5500,
101.3398)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B0FF
RGB	200, 176, 255
RGB Percent	78%, 69%, 100%
CMY	0.2157, 0.3098, 0.0000
CMYK	0.22, 0.31, 0.00, 0.00
HSL	258°, 100%, 85%
HSV	258°, 31%, 100%
XYZ	57.3948, 50.5500, 101.3398
YIQ	192.1820, -11.0550, 29.6570

Conversions

Conversions Part 2

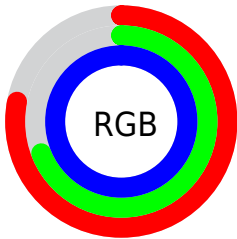
Format	Color
R _Y B	200, 176, 255
Decimal	13152511
CIE Lab	76.41, 24.32, -35.95
CIE LCh	76, 43.403, 304.076
Yxy	50.5500, 0.2742, 0.2415
Android (android.graphics.Color)	4291342591 (0xFFC8B0FF)
YUV	192.1820, 30.9693, 6.8564
Hunter-Lab	71.0985, 19.6730, -34.7396

Details

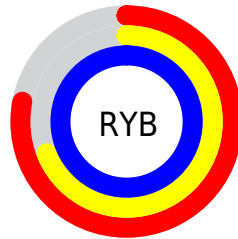
The XYZ color **57.3948, 50.5500, 101.3398** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **76.5521, 91.6438, 54.7306**, and the grayscale version is **50.0400, 52.6460, 57.3315**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **28.9531, 24.2629, 56.5833** is the 20% darker color. If you saturate the color by 10%, you get **48.3875, 39.1694, 99.6179**, and if you desaturate by 10%, it is **67.8949, 64.0965, 103.4011**.

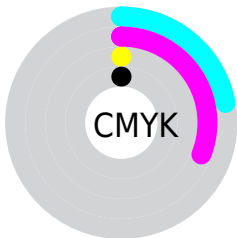
Distribution



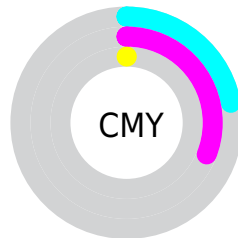
- Red (78%)
- Green (69%)
- Blue (100%)



- Red (78%)
- Yellow (69%)
- Blue (100%)



- Cyan (22%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3948, 50.5500, 101.3398 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 57.3948, 50.5500, 101.3398 by changing the saturation by 10% instead.


 57.3948, 50.5500,
101.3398

 57.3948, 50.5500,
101.3398


404.9173,
388.8129, 585.7630

 41.5637, 35.8506,
76.7968


 100.1691, 90.9893,
165.0651

 28.9494, 24.3188,
56.5756


127.8429,
117.4979, 205.0844

 19.1866, 15.5703,
40.2575


160.1950,
148.7117, 251.0997

 11.9100, 9.2206,
27.4241

197.5908,
185.0152, 303.5294

 6.7542, 4.8854,
17.6567

240.3955,
226.7926, 362.7920

 3.3538, 2.1802,
10.5369

288.9747,

 1.3435, 0.7091,

274.4285, 429.3061

5.6461

343.6935,
328.3071, 503.4903

■ 0.2154, 0.0000,
2.5658

■ 0.0000, 0.0000,
0.8747

■ 57.3948, 50.5500,
101.3398

■ 57.3948, 50.5500,
101.3398

■ 48.3875, 39.1694,
99.6179

■ 67.8949, 64.0965,
103.4011

■ 40.7968, 29.8337,
98.2160

■ 79.9495, 79.9092,
105.8180

■ 34.5465, 22.4189,
97.1142

■ 93.6224, 98.0896,
108.6065

■ 29.5510, 16.7845,
96.2900

■ 95.0500, 100.0000,
108.9000

■ 25.7132, 12.7703,
95.7174

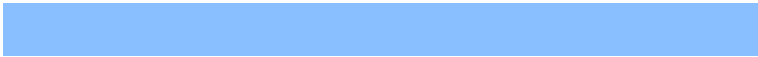
■ 22.9199, 10.1855,
95.3657

■ 21.1486, 8.8174,
95.1950

Harmonies

Analogous

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



49.1713, 50.5500, 113.2067



57.3948, 50.5500, 101.3398



63.6022, 50.5500, 77.1415

Triad

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



57.3948, 50.5500, 101.3398



55.2454, 50.5500, 23.6866



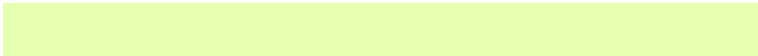
34.0204, 50.5500, 58.2997

Complementary

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



57.3948, 50.5500, 101.3398



76.5521, 91.6438, 54.7306

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.



35.2592, 50.5500, 37.6236



57.3948, 50.5500, 101.3398



46.9386, 50.5500, 21.2592

Square

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



57.3948, 50.5500, 101.3398



62.2658, 50.5500, 33.4882



39.7723, 50.5500, 25.5561



36.1753, 50.5500, 84.2865

Rectangle

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



57.3948, 50.5500, 101.3398



65.4237, 50.5500, 59.8151



39.7723, 50.5500, 25.5561



34.0555, 50.5500, 50.5267

Sweetspot

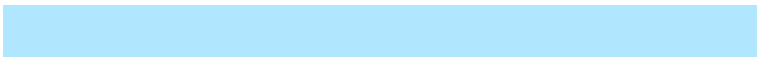
The Sweet Spot groups the original color and five complimentary colors.



57.3964, 50.5520, 101.3401



82.5248, 83.3160, 106.3398



64.6156, 73.7711, 105.4414



17.2571, 17.2950, 22.6787



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.



57.3964, 50.5520, 101.3401



51.7980, 43.4466, 100.2637



69.2405, 56.6579, 101.8944



17.5219, 17.6453, 22.7323



11.1824, 4.6752, 49.7476



1.1941, 0.5095, 4.8487

Inverse Universe

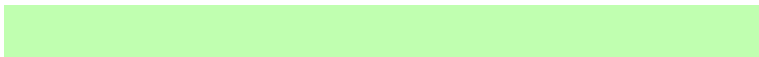
The Inverse Universe completely reimagines the original color for something new.



71.1900, 58.0817, 83.0606



67.6974, 52.1370, 78.6890



65.2852, 85.8355, 54.2033



18.5438, 18.2008, 21.4809



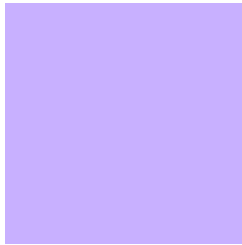
25.7926, 12.8063, 23.3562



2.5600, 1.2664, 2.5303

Previews

White Background



This preview shows how the XYZ color 57.3948, 50.5500, 101.3398 looks on a white background.

Color Contrast Check

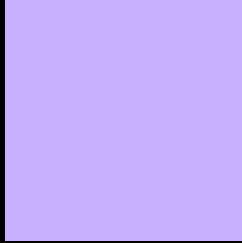
Large Text (above 18pt) WCAG AA × Fail

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 57.3948, 50.5500, 101.3398 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 57.3948, 50.5500, 101.3398

Background



This preview shows how black text looks on a background with the XYZ color 57.3948, 50.5500, 101.3398.

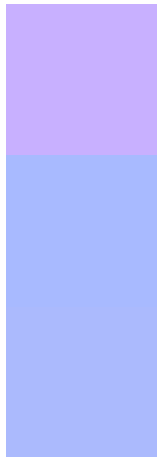


This preview shows how white text looks on a background with the XYZ color 57.3948, 50.5500,

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

57.3948, 50.5500, 101.3398

Protanopia

51.7574, 50.6626, 101.6587

Deuteranopia

52.0831, 50.8676, 100.0019



Tritanopia

49.3367, 50.2820, 62.3634

Trichromacy



Original Color

57.3948, 50.5500, 101.3398

Protanomaly

53.6003, 50.3792, 101.5069

Deuteranomaly

53.9087, 50.5567, 100.6831

Tritanomaly

52.0272, 50.1457, 75.3436

Monochromacy



Original Color

57.3948, 50.5500, 101.3398

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.3303, 51.6262, 71.4967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3948, 50.5500, 101.3398 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(200, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 176, 255)  
}
```

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(200, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 176, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.3948, 50.5500, 101.3398 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(200, 176, 255) }
```


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

```
.border{ border-color:rgb(200, 176, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 176,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3948, 50.5500, 101.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 176, 255) }
```

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

```
.background{ background-color: rgb(200,  
176, 255) }
```

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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