

Converting Colors

XYZ(57.9325, 50.8272,
101.3650)

Have a look what the booklet for
XYZ(57.9325, 50.8272, 101.3650)
contains.

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Color

**XYZ(57.9325, 50.8272,
101.3650)**

Conversions

Conversions Part 1

Format	Color
Hex	CAB0FF
RGB	202, 176, 255
RGB Percent	79%, 69%, 100%
CMY	0.2078, 0.3098, 0.0000
CMYK	0.21, 0.31, 0.00, 0.00
HSL	260°, 100%, 85%
HSV	260°, 31%, 100%
XYZ	57.9325, 50.8272, 101.3650
YIQ	192.7800, -9.8630, 30.0810

Conversions

Conversions Part 2

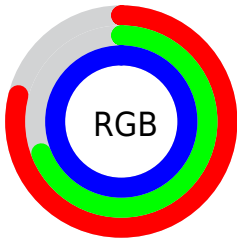
Format	Color
R _Y B	202, 176, 255
Decimal	13283583
CIE Lab	76.57, 24.91, -35.68
CIE LCh	77, 43.510, 304.921
Yxy	50.8272, 0.2757, 0.2419
Android (android.graphics.Color)	4291473663 (0xFFCAB0FF)
YUV	192.7800, 30.6745, 8.0859
Hunter-Lab	71.2932, 20.2851, -34.3936

Details

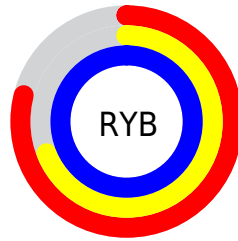
The XYZ color **57.9325, 50.8272, 101.3650** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **75.9102, 91.3129, 54.7006**, and the grayscale version is **50.3906, 53.0149, 57.7332**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **29.3086, 24.4462, 56.5999** is the 20% darker color. If you saturate the color by 10%, you get **49.0193, 39.4952, 99.6475**, and if you desaturate by 10%, it is **68.3010, 64.3058, 103.4202**.

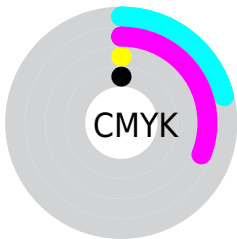
Distribution



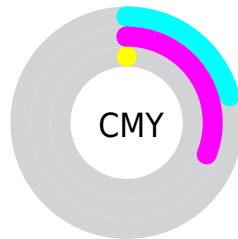
- Red (79%)
- Green (69%)
- Blue (100%)



- Red (79%)
- Yellow (69%)
- Blue (100%)



- Cyan (21%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9325, 50.8272, 101.3650 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 57.9325, 50.8272, 101.3650 by changing the saturation by 10% instead.

■ 57.9325, 50.8272,
101.3650

■ 57.9325, 50.8272,
101.3650

406.8923,
389.8920, 585.8442

■ 41.9974, 36.0711,
76.8178

■ 100.9481, 91.3993,
165.0999

■ 29.2904, 24.4891,
56.5927

128.7593,
117.9841, 205.1248

■ 19.4460, 15.6968,
40.2711

161.2600,
149.2806, 251.1458

■ 12.0989, 9.3099,
27.4346

198.8154,
185.6731, 303.5817

■ 6.8837, 4.9439,
17.6646

241.7910,
227.5461, 362.8510

■ 3.4352, 2.2144,
10.5425

290.5522,

■ 1.3879, 0.7278,

275.2841, 429.3721

5.6498

345.4641,
329.2712, 503.5637

■ 0.2475, 0.0000,
2.5680

■ 0.0000, 0.0000,
0.8759

■ 57.9325, 50.8272,
101.3650

■ 57.9325, 50.8272,
101.3650

■ 49.0193, 39.4952,
99.6475

■ 68.3010, 64.3058,
103.4202

■ 41.4875, 30.1898,
98.2483

■ 80.1846, 80.0305,
105.8290

■ 35.2630, 22.7883,
97.1477

■ 93.6455, 98.1015,
108.6076

■ 30.2627, 17.1514,
96.3233

■ 95.0500, 100.0000,
108.9000

■ 26.3922, 13.1204,
95.7492

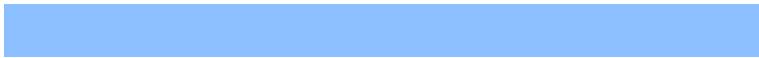
■ 23.5413, 10.5058,
95.3948

■ 21.6995, 9.1014,
95.2208

Harmonies

Analogous

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



49.6779, 50.8272, 113.7901



57.9325, 50.8272, 101.3650



64.0831, 50.8272, 76.8284

Triad

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



57.9325, 50.8272, 101.3650



55.3227, 50.8272, 23.6381



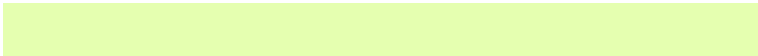
34.2134, 50.8272, 59.3157

Complementary

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



57.9325, 50.8272, 101.3650



75.9102, 91.3129, 54.7006

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.



35.3635, 50.8272, 38.2893



57.9325, 50.8272, 101.3650



46.9669, 50.8272, 21.3881

Square

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



57.9325, 50.8272, 101.3650



62.4605, 50.8272, 33.2667



39.8163, 50.8272, 25.9089



36.4760, 50.8272, 85.5035

Rectangle

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



57.9325, 50.8272, 101.3650



65.8224, 50.8272, 59.4468



39.8163, 50.8272, 25.9089



34.2164, 50.8272, 51.4310

Sweetspot

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



57.9341, 50.8292, 101.3653



82.7213, 83.4173, 106.3490



64.2479, 73.0356, 105.3188



17.3053, 17.3198, 22.6809



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.



57.9341, 50.8292, 101.3653



52.3967, 43.7552, 100.2917



69.6872, 56.8882, 101.9153



17.5661, 17.6680, 22.7344



11.4778, 4.8275, 49.7614



1.2272, 0.5266, 4.8502

Inverse Universe

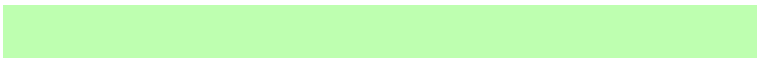
The Inverse Universe completely reimagines the original color for something new.



70.9091, 57.9694, 81.5813



67.3712, 52.0066, 76.9712



64.9538, 85.6647, 54.1878



18.5235, 18.1927, 21.3740



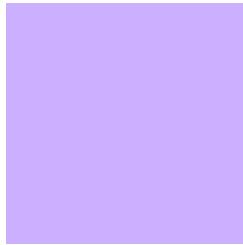
25.4652, 12.6754, 21.6322



2.5299, 1.2544, 2.3721

Previews

White Background



This preview shows how the XYZ color 57.9325, 50.8272, 101.3650 looks on a white background.

Color Contrast Check

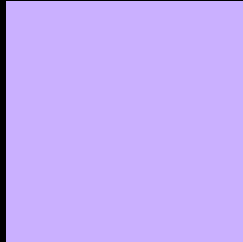
Large Text (above 18pt) WCAG AA × Fail

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 57.9325, 50.8272, 101.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

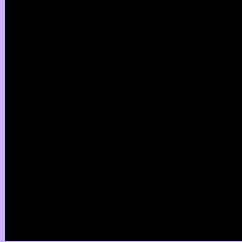
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9325, 50.8272, 101.3650

Background



This preview shows how black text looks on a background with the XYZ color 57.9325, 50.8272, 101.3650.

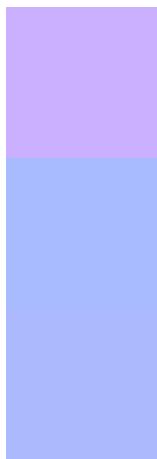


This preview shows how white text looks on a background with the XYZ color 57.9325, 50.8272,

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

57.9325, 50.8272, 101.3650

Protanopia

52.1825, 51.1957, 101.7392

Deuteranopia

52.3018, 50.9803, 100.0121



Tritanopia

49.8397, 50.5413, 62.3870

Trichromacy



Original Color

57.9325, 50.8272, 101.3650

Protanomaly

54.0395, 50.9107, 101.5863

Deuteranomaly

54.1458, 50.6789, 100.6942

Tritanomaly

52.5440, 50.4121, 75.3678

Monochromacy



Original Color

57.9325, 50.8272, 101.3650

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.9299, 52.2343, 72.2583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9325, 50.8272, 101.3650 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(202, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 176, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.9325, 50.8272, 101.3650 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(202, 176, 255) }
```


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

```
.border{ border-color:rgb(202, 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(202, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 176,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9325, 50.8272, 101.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 176, 255) }
```

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

```
.background{ background-color: rgb(202,  
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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