

Converting Colors

XYZ(57.9622, 49.3859,
100.5588)

Have a look what the booklet for
XYZ(57.9622, 49.3859, 100.5588)
contains.

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Color

**XYZ(57.9059, 49.4034,
100.2498)**

Conversions

Conversions Part 1

Format	Color
Hex	CEABFE
RGB	206, 171, 254
RGB Percent	81%, 67%, 100%
CMY	0.1921, 0.3294, 0.0039
CMYK	0.19, 0.33, 0.00, 0.00
HSL	265°, 98%, 83%
HSV	265°, 33%, 100%
XYZ	57.9059, 49.4034, 100.2498
YIQ	190.9270, -5.7830, 33.2330

Conversions

Conversions Part 2

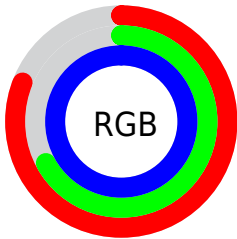
Format	Color
R _Y B	206, 171, 254
Decimal	13544446
CIE Lab	75.70, 28.60, -36.46
CIE LCh	76, 46.342, 308.113
Yxy	49.4034, 0.2790, 0.2380
Android (android.graphics.Color)	4291734526 (0xFFCEABFE)
YUV	190.9270, 31.0950, 13.2190
Hunter-Lab	70.2876, 24.0527, -35.3629

Details

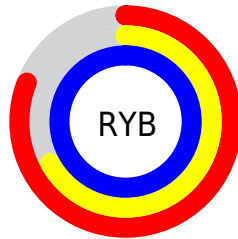
The XYZ color **57.9059, 49.4034, 100.2498** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **72.0074, 88.8852, 51.8915**, and the grayscale version is **49.3084, 51.8762, 56.4932**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **29.1342, 23.4721, 55.8184** is the 20% darker color. If you saturate the color by 10%, you get **49.6723, 38.7088, 98.6203**, and if you desaturate by 10%, it is **67.4459, 62.1421, 102.2066**.

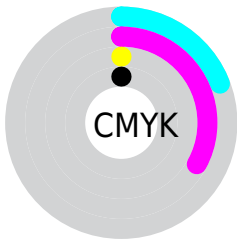
Distribution



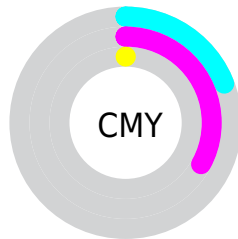
- Red (81%)
- Green (67%)
- Blue (100%)



- Red (81%)
- Yellow (67%)
- Blue (100%)



- Cyan (19%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9059, 49.4034, 100.2498 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 57.9059, 49.4034, 100.2498 by changing the saturation by 10% instead.

■ 57.9059, 49.4034,
100.2498

■ 57.9059, 49.4034,
100.2498

406.7947,
384.3283, 582.2468

■ 41.9760, 34.9396,
75.8911

■ 100.9096, 89.2903,
163.5553

■ 29.2735, 23.6163,
55.8371

128.7140,
115.4822, 203.3392

■ 19.4331, 15.0493,
39.6692

161.2074,
146.3522, 249.1019

■ 12.0895, 8.8540,
26.9689

198.7549,
182.2848, 301.2620

■ 6.8773, 4.6461,
17.3176

241.7221,
223.6642, 360.2380

■ 3.4311, 2.0411,
10.2969

290.4742,

■ 1.3856, 0.6312,

270.8751, 426.4484

5.4881

345.3766,
324.3016, 500.3118

■ 0.2460, 0.0000,
2.4727

■ 0.0000, 0.0000,
0.8256

■ 57.9059, 49.4034,
100.2498

■ 57.9059, 49.4034,
100.2498

■ 49.6723, 38.7088,
98.6203

■ 67.4459, 62.1421,
102.2066

■ 42.6765, 29.9409,
97.2967

■ 78.3459, 77.0216,
104.5042

■ 36.8512, 22.9795,
96.2600

■ 90.6625, 94.1395,
107.1591

■ 32.1193, 17.6877,
95.4880

94.8896, 99.9358,
108.0551

■ 28.3933, 13.9080,
94.9548

■ 25.5689, 11.4505,
94.6293

■ 23.9660, 10.2883,
94.4895

Harmonies

Analogous

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



49.3262, 49.4034, 115.5213



57.9059, 49.4034, 100.2498



64.0098, 49.4034, 73.4209

Triad

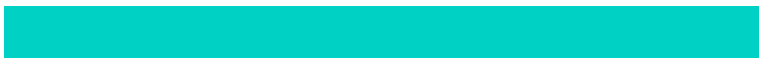
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.9059, 49.4034, 100.2498



53.3861, 49.4034, 20.7560



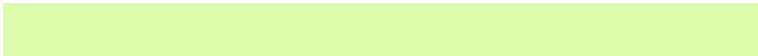
32.4302, 49.4034, 60.7474

Complementary

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



57.9059, 49.4034, 100.2498



72.0074, 88.8852, 51.8915

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.



33.2377, 49.4034, 38.0160



57.9059, 49.4034, 100.2498



44.6639, 49.4034, 19.2385

Square

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



57.9059, 49.4034, 100.2498



61.1866, 49.4034, 29.5603



37.4824, 49.4034, 24.4990



35.1237, 49.4034, 88.5869

Rectangle

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



57.9059, 49.4034, 100.2498



65.4733, 49.4034, 55.3642



37.4824, 49.4034, 24.4990



32.3082, 49.4034, 52.2496

Sweetspot

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



57.9076, 49.4054, 100.2509



82.2290, 82.1053, 106.1217



60.1260, 66.6962, 103.4714



17.2397, 17.0752, 22.6372



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.



57.9076, 49.4054, 100.2509



53.0166, 42.7823, 100.0713



70.8409, 56.0728, 100.8562



17.7290, 17.7520, 22.7420



12.7947, 5.5064, 49.8231



1.3672, 0.5987, 4.8568

Inverse Universe

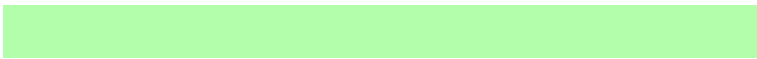
The Inverse Universe completely reimagines the original color for something new.



68.2236, 55.3130, 74.1003



65.0714, 49.6935, 69.1553



61.1351, 83.2803, 51.3827



18.4498, 18.1632, 20.9860



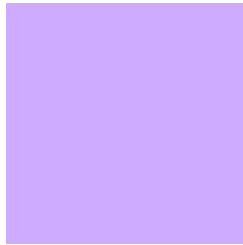
24.3962, 12.2478, 16.0028



2.4300, 1.2144, 1.8457

Previews

White Background



This preview shows how the XYZ color 57.9059, 49.4034, 100.2498 looks on a white background.

Color Contrast Check

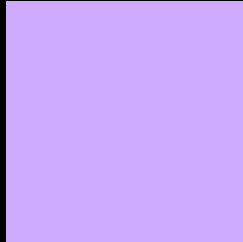
Large Text (above 18pt) WCAG AA × Fail

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 57.9059, 49.4034, 100.2498 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 57.9059, 49.4034, 100.2498

Background



This preview shows how black text looks on a background with the XYZ color 57.9059, 49.4034, 100.2498.

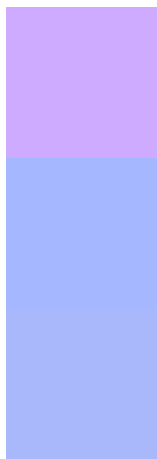


This preview shows how white text looks on a background with the XYZ color 57.9059, 49.4034,

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

57.9059, 49.4034, 100.2498

Protanopia

50.7075, 49.5003, 101.4897

Deuteranopia

50.9153, 49.6810, 98.1727



Tritanopia

49.5709, 49.2229, 59.7116

Trichromacy



Original Color

57.9059, 49.4034, 100.2498



Protanomaly

52.9925, 49.1635, 101.3042



Deuteranomaly

52.9822, 49.2136, 98.8022

Tritanomaly

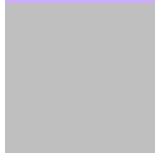
52.3947, 49.1821, 73.0613

Monochromacy



Original Color

57.9059, 49.4034, 100.2498



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.0430, 50.8718, 70.6946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9059, 49.4034, 100.2498 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(206, 171, 254)` looks like.

```
.text, #text, p{  
    color:rgb(206, 171, 254)  
}
```

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(206, 171, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 171, 254) }
```

Border

The CSS property to change the border of an element to XYZ 57.9059, 49.4034, 100.2498 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(206, 171, 254) }
```


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

```
.border{ border-color:rgb(206, 171, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 171, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 171, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 171, 254);  
box-shadow:4px 4px 4px 4px rgb(206, 171,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9059, 49.4034, 100.2498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 171, 254) }
```

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

```
.background{ background-color: rgb(206,  
171, 254) }
```

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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