

Converting Colors

XYZ(55.5188, 46.4208,
100.1678)

Have a look what the booklet for
XYZ(55.5188, 46.4208, 100.1678)
contains.

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Color

**XYZ(55.4319, 46.4835,
99.8166)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A5FE
RGB	201, 165, 254
RGB Percent	79%, 65%, 100%
CMY	0.2118, 0.3529, 0.0039
CMYK	0.21, 0.35, 0.00, 0.00
HSL	264°, 98%, 82%
HSV	264°, 35%, 100%
XYZ	55.4319, 46.4835, 99.8166
YIQ	185.9100, -7.1130, 35.3110

Conversions

Conversions Part 2

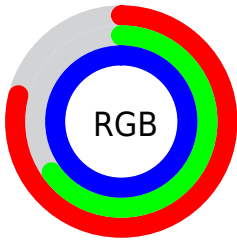
Format	Color
R _Y B	201, 165, 254
Decimal	13215230
CIE Lab	73.86, 30.42, -39.36
CIE LCh	74, 49.747, 307.704
Yxy	46.4835, 0.2748, 0.2304
Android (android.graphics.Color)	4291405310 (0xFFC9A5FE)
YUV	185.9100, 33.5684, 13.2339
Hunter-Lab	68.1788, 25.8142, -39.0778

Details

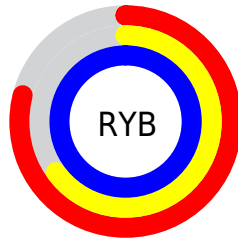
The XYZ color **55.4319, 46.4835, 99.8166** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **71.1481, 88.5067, 48.9328**, and the grayscale version is **46.4441, 48.8628, 53.2116**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **27.6602, 21.8612, 55.5851** is the 20% darker color. If you saturate the color by 10%, you get **47.4296, 36.2201, 98.2581**, and if you desaturate by 10%, it is **64.7475, 58.7765, 101.6992**.

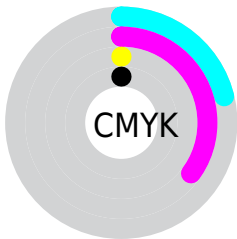
Distribution



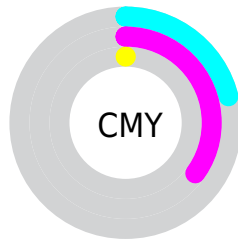
- Red (79%)
- Green (65%)
- Blue (100%)



- Red (79%)
- Yellow (65%)
- Blue (100%)



- Cyan (21%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4319, 46.4835, 99.8166 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 55.4319, 46.4835, 99.8166 by changing the saturation by 10% instead.

55.4319, 46.4835,
99.8166

55.4319, 46.4835,
99.8166

397.6569,
372.7491, 580.8462

39.9828, 32.6275,
75.5314

97.3181, 84.9421,
162.9548

27.7093, 21.8413,
55.5440

124.4860,
110.3136, 202.6448

18.2460, 13.7403,
39.4359

156.2908,
140.2923, 248.3069

11.2275, 7.9403,
26.7885

193.0979,
175.2627, 300.3595

6.2885, 4.0568,
17.1834

235.2727,
215.6092, 359.2212

3.0636, 1.7054,
10.2020

283.1806,

1.1875, 0.4271,

261.7162, 425.3105

5.4258

337.1869,
313.9680, 499.0460

■ 0.0965, 0.0000,
2.4361

■ 0.0000, 0.0000,
0.8060

■ 55.4319, 46.4835,
99.8166

■ 55.4319, 46.4835,
99.8166

■ 47.4296, 36.2201,
98.2581

■ 64.7475, 58.7765,
101.6992

■ 40.6702, 27.8664,
97.0019

■ 75.4325, 73.1985,
103.9198

■ 35.0835, 21.2985,
96.0287

■ 87.5449, 89.8491,
106.4952

■ 30.5890, 16.3746,
95.3151

94.8895, 99.9358,
108.0551

■ 27.0948, 12.9304,
94.8345

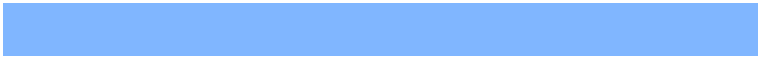
■ 24.4897, 10.7645,
94.5538

■ 23.4535, 10.0242,
94.4655

Harmonies

Analogous

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



46.5028, 46.4835, 115.9325



55.4319, 46.4835, 99.8166



61.8783, 46.4835, 71.4551

Triad

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



55.4319, 46.4835, 99.8166



50.9598, 46.4835, 17.5773



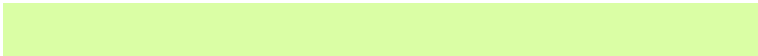
29.3671, 46.4835, 57.4337

Complementary

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



55.4319, 46.4835, 99.8166



71.1481, 88.5067, 48.9328

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.



30.2277, 46.4835, 34.2771



55.4319, 46.4835, 99.8166



41.9382, 46.4835, 16.0408

Square

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



55.4319, 46.4835, 99.8166



59.0653, 46.4835, 26.2672



34.5661, 46.4835, 21.0082



32.0345, 46.4835, 86.6692

Rectangle

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



55.4319, 46.4835, 99.8166



63.4679, 46.4835, 52.5913



34.5661, 46.4835, 21.0082



29.2606, 46.4835, 48.6842

Sweetspot

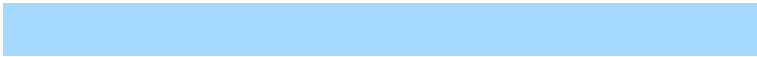
The Sweet Spot groups the original color and five complimentary colors.



55.4335, 46.4854, 99.8177



80.8648, 80.3593, 105.8566



58.5832, 65.5072, 103.3232



16.9607, 16.7236, 22.5840



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.



55.4335, 46.4854, 99.8177



50.1658, 39.4735, 99.5829



69.0369, 53.4982, 100.4543



17.6986, 17.7363, 22.7406



12.5212, 5.3654, 49.8103



1.3389, 0.5841, 4.8555

Inverse Universe

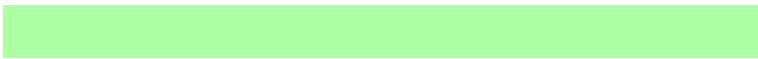
The Inverse Universe completely reimagines the original color for something new.



66.9844, 53.0447, 73.0393



63.6574, 47.1457, 67.8199



59.6681, 82.5886, 48.3955



18.4634, 18.1687, 21.0577



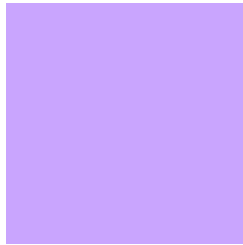
24.5798, 12.3212, 16.9696



2.4474, 1.2213, 1.9374

Previews

White Background



This preview shows how the XYZ color 55.4319, 46.4835, 99.8166 looks on a white background.

Color Contrast Check

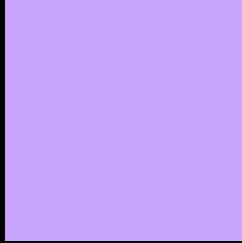
Large Text (above 18pt) WCAG AA × Fail

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 55.4319, 46.4835, 99.8166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

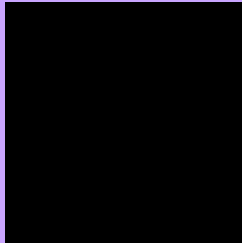
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4319, 46.4835, 99.8166

Background



This preview shows how black text looks on a background with the XYZ color 55.4319, 46.4835, 99.8166.



This preview shows how white text looks on a background with the XYZ color 55.4319, 46.4835,

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

55.4319, 46.4835, 99.8166

Protanopia

48.2707, 46.7293, 101.0833

Deuteranopia

47.8308, 46.5762, 97.7359



Tritanopia

46.6700, 46.5937, 56.4029

Trichromacy



Original Color

55.4319, 46.4835, 99.8166

Protanomaly

50.6416, 46.4908, 100.9123

Deuteranomaly

50.1623, 46.2990, 98.3882

Tritanomaly

49.4574, 46.2628, 70.6129

Monochromacy



Original Color

55.4319, 46.4835, 99.8166

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.1641, 47.6203, 68.2284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4319, 46.4835, 99.8166 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(201, 165, 254)` looks like.

```
.text, #text, p{  
    color:rgb(201, 165, 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(201, 165, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 165, 254) }
```

Border

The CSS property to change the border of an element to XYZ 55.4319, 46.4835, 99.8166 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(201, 165, 254) }
```


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

```
.border{ border-color:rgb(201, 165, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 165, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 165, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 165, 254);  
box-shadow:4px 4px 4px 4px rgb(201, 165,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4319, 46.4835, 99.8166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 165, 254) }
```

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

```
.background{ background-color: rgb(201,  
165, 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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