

Converting Colors

XYZ(54.2358, 46.9379,
100.8122)

Have a look what the booklet for
XYZ(54.2358, 46.9379, 100.8122)
contains.

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Color

**XYZ(54.2303, 46.9334,
100.8085)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A9FF
RGB	193, 169, 255
RGB Percent	76%, 66%, 100%
CMY	0.2431, 0.3372, 0.0000
CMYK	0.24, 0.34, 0.00, 0.00
HSL	257°, 100%, 83%
HSV	257°, 34%, 100%
XYZ	54.2303, 46.9334, 100.8085
YIQ	185.9800, -13.3020, 31.8340

Conversions

Conversions Part 2

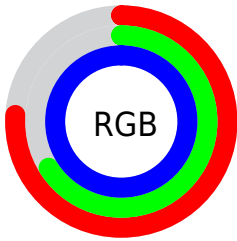
Format	Color
RYB	193, 169, 255
Decimal	12691967
CIELab	74.15, 26.14, -39.50
CIELCh	74, 47.367, 303.492
Yxy	46.9334, 0.2685, 0.2324
Android (android.graphics.Color)	4290882047 (0xFFC1A9FF)
YUV	185.9800, 34.0269, 6.1565
Hunter-Lab	68.5080, 21.4101, -39.2888

Details

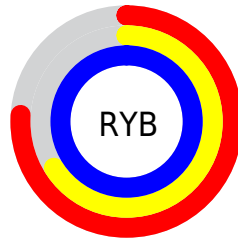
The XYZ color **54.2303, 46.9334, 100.8085** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **75.8770, 91.3737, 51.1757**, and the grayscale version is **46.4831, 48.9039, 53.2563**.

A 20% lighter version of the original color is **84.4893, 81.0405, 105.7971**, and **27.0356, 22.2031, 56.2868** is the 20% darker color. If you saturate the color by 10%, you get **45.5422, 36.0865, 99.1728**, and if you desaturate by 10%, it is **64.4290, 59.9343, 102.7804**.

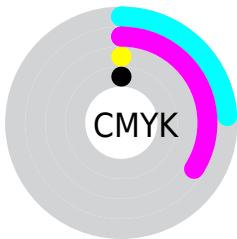
Distribution



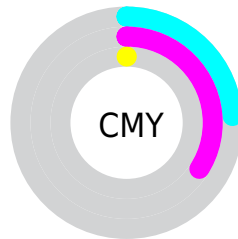
- Red (76%)
- Green (66%)
- Blue (100%)



- Red (76%)
- Yellow (66%)
- Blue (100%)



- Cyan (24%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (24%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2303, 46.9334, 100.8085 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 54.2303, 46.9334, 100.8085 by changing the saturation by 10% instead.


 54.2303, 46.9334,
100.8085


 54.2303, 46.9334,
100.8085


393.1716,
374.5486, 584.0505

 39.0172, 32.9830,
76.3553


 95.5672, 85.6142,
164.3294

 26.9539, 22.1134,
56.2155


 122.4218,
111.1134, 204.2341

 17.6750, 13.9403,
39.9706


153.8875,
141.2310, 250.1264

 10.8152, 8.0791,
27.2020

190.3298,
176.3514, 302.4248

 6.0091, 4.1456,
17.4912

232.1140,
216.8589, 361.5479

 2.8913, 1.7554,
10.4197

279.6055,

 1.0965, 0.4591,

263.1381, 427.9142

5.5689

333.1696,
315.5732, 501.9422

■ 0.0222, 0.0000,
2.5202

■ 0.0000, 0.0000,
0.8508

■ 54.2303, 46.9334,
100.8085

■ 54.2303, 46.9334,
100.8085

■ 45.5422, 36.0865,
99.1728

■ 64.4290, 59.9343,
102.7804

■ 38.2849, 27.2692,
97.8534

■ 76.2037, 75.1934,
105.1052

■ 32.3777, 20.3526,
96.8297

■ 89.6210, 92.8147,
107.7992

■ 27.7296, 15.1899,
96.0782

■ 95.0500, 100.0000,
108.9000

■ 24.2368, 11.6126,
95.5718

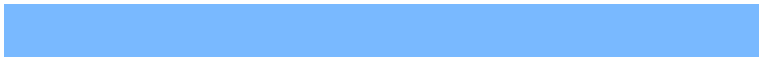
■ 21.7763, 9.4161,
95.2775

■ 20.6606, 8.5658,
95.1722

Harmonies

Analogous

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



45.6099, 46.9334, 113.3618



54.2303, 46.9334, 100.8085



60.8581, 46.9334, 74.9203

Triad

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



54.2303, 46.9334, 100.8085



52.2933, 46.9334, 19.6584



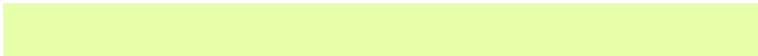
30.2262, 46.9334, 54.0015

Complementary

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



54.2303, 46.9334, 100.8085



75.8770, 91.3737, 51.1757

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.



31.5446, 46.9334, 32.9574



54.2303, 46.9334, 100.8085



43.6224, 46.9334, 17.2151

Square

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



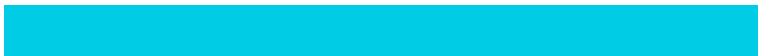
54.2303, 46.9334, 100.8085



59.6439, 46.9334, 29.4132



36.1984, 46.9334, 21.2024



32.3399, 46.9334, 81.4634

Rectangle

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



54.2303, 46.9334, 100.8085



62.8599, 46.9334, 56.5829



36.1984, 46.9334, 21.2024



30.2840, 46.9334, 45.9879

Sweetspot

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



54.2318, 46.9352, 100.8088



81.0050, 81.4743, 106.0644



63.2887, 73.4068, 105.4410



16.9448, 16.9232, 22.6234



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.



54.2318, 46.9352, 100.8088



48.6067, 39.8826, 99.7440



66.4779, 53.2483, 101.3819



17.4788, 17.6231, 22.7303



10.9194, 4.5396, 49.7353



1.1639, 0.4939, 4.8473

Inverse Universe

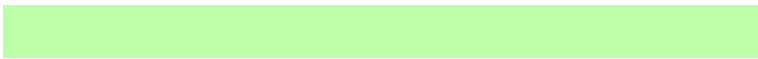
The Inverse Universe completely reimagines the original color for something new.



69.8526, 55.4069, 82.6148



66.4322, 49.5628, 78.4018



63.9253, 85.2124, 50.6164



18.5637, 18.2088, 21.5857



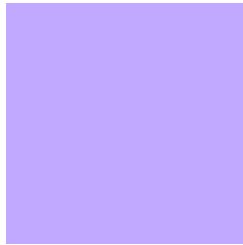
26.1273, 12.9402, 25.1187



2.5905, 1.2786, 2.6908

Previews

White Background



This preview shows how the XYZ color 54.2303, 46.9334, 100.8085 looks on a white background.

Color Contrast Check

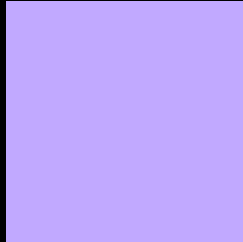
Large Text (above 18pt) WCAG AA × Fail

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 54.2303, 46.9334, 100.8085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

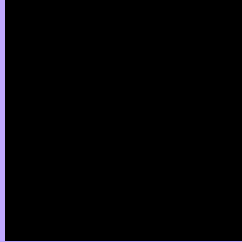
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2303, 46.9334, 100.8085

Background



This preview shows how black text looks on a background with the XYZ color 54.2303, 46.9334, 100.8085.



This preview shows how white text looks on a background with the XYZ color 54.2303, 46.9334,

100.8085.

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

54.2303, 46.9334, 100.8085

Protanopia

48.6693, 47.2334, 101.1596

Deuteranopia

48.3490, 47.1053, 99.4725



Tritanopia

45.6656, 46.9330, 58.2819

Trichromacy



Original Color

54.2303, 46.9334, 100.8085

Protanomaly

50.3699, 46.9286, 101.0111

Deuteranomaly

50.2093, 46.8644, 100.1653

Tritanomaly

48.4962, 46.8931, 72.1409

Monochromacy



Original Color

54.2303, 46.9334, 100.8085

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.0654, 48.1645, 68.3387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2303, 46.9334, 100.8085 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(193, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 169, 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(193, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 169, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.2303, 46.9334, 100.8085 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(193, 169, 255) }
```


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

```
.border{ border-color:rgb(193, 169, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 169, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 169, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 169, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 169,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2303, 46.9334, 100.8085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 169, 255) }
```

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

```
.background{ background-color: rgb(193,  
169, 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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