

Converting Colors

XYZ(54.3193, 46.0944,
100.6419)

Have a look what the booklet for
XYZ(54.3193, 46.0944, 100.6419)
contains.

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Color

**XYZ(54.4512, 46.2282,
100.6608)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A6FF
RGB	196, 166, 255
RGB Percent	77%, 65%, 100%
CMY	0.2314, 0.3490, 0.0000
CMYK	0.23, 0.35, 0.00, 0.00
HSL	260°, 100%, 83%
HSV	260°, 35%, 100%
XYZ	54.4512, 46.2282, 100.6608
YIQ	185.1160, -10.6890, 34.0390

Conversions

Conversions Part 2

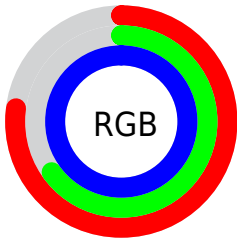
Format	Color
R_{YB}	196, 166, 255
Decimal	12887807
CIE _{Lab}	73.69, 28.66, -40.19
CIE _{LCh}	74, 49.360, 305.490
Yxy	46.2282, 0.2704, 0.2296
Android (android.graphics.Color)	4291077887 (0xFFC4A6FF)
YUV	185.1160, 34.4528, 9.5453
Hunter-Lab	67.9913, 23.9678, -40.1846

Details

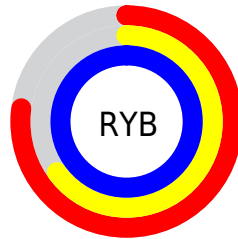
The XYZ color **54.4512, 46.2282, 100.6608** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **73.6948, 90.2810, 49.6200**, and the grayscale version is **45.9986, 48.3941, 52.7011**.

A 20% lighter version of the original color is **84.7795, 80.0037, 105.5816**, and **27.1949, 21.7746, 56.1957** is the 20% darker color. If you saturate the color by 10%, you get **46.1151, 35.7192, 99.0717**, and if you desaturate by 10%, it is **64.2046, 58.8340, 102.5799**.

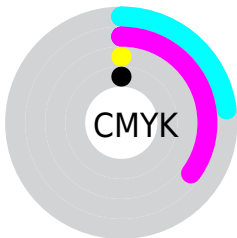
Distribution



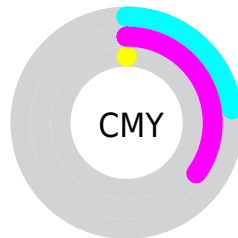
- Red (77%)
- Green (65%)
- Blue (100%)



- Red (77%)
- Yellow (65%)
- Blue (100%)



- Cyan (23%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4512, 46.2282, 100.6608 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 54.4512, 46.2282, 100.6608 by changing the saturation by 10% instead.

54.4512, 46.2282,
100.6608

54.4512, 46.2282,
100.6608

393.9986,
371.7253, 583.5740

39.1946, 32.4259,
76.2326

95.8894, 84.5604,
164.1248

27.0926, 21.6870,
56.1154

122.8018,
109.8592, 203.9976

17.7797, 13.6271,
39.8909

154.3301,
139.7588, 249.8556

10.8907, 7.8618,
27.1403

190.8397,
174.6439, 302.1175

6.0601, 4.0066,
17.4453

232.6960,
214.8986, 361.2018

2.9227, 1.6773,
10.3872

280.2644,

1.1130, 0.4089,

260.9076, 427.5269

5.5475

333.9101,
313.0550, 501.5114

■ 0.0360, 0.0000,
2.5076

■ 0.0000, 0.0000,
0.8442

■ 54.4512, 46.2282,
100.6608

■ 54.4512, 46.2282,
100.6608

■ 46.1151, 35.7192,
99.0717

■ 64.2046, 58.8340,
102.5799

■ 39.1210, 27.1841,
97.7929

■ 75.4366, 73.6395,
104.8457

■ 33.3927, 20.4950,
96.8037

■ 88.2100, 90.7471,
107.4745

■ 28.8438, 15.5064,
96.0805

■ 95.0500, 100.0000,
108.9000

■ 25.3756, 12.0495,
95.5961

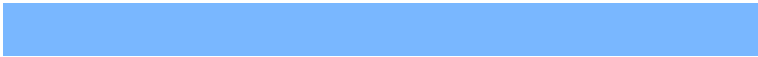
■ 22.8695, 9.9183,
95.3168

■ 21.8838, 9.1964,
95.2294

Harmonies

Analogous

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



45.5684, 46.2282, 115.1696



54.4512, 46.2282, 100.6608



61.0992, 46.2282, 73.0941

Triad

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



54.4512, 46.2282, 100.6608



51.2965, 46.2282, 17.9831



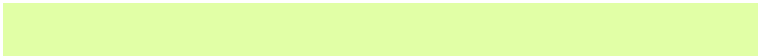
29.2251, 46.2282, 55.0883

Complementary

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



54.4512, 46.2282, 100.6608



73.6948, 90.2810, 49.6200

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.



30.3356, 46.2282, 32.8704



54.4512, 46.2282, 100.6608



42.3479, 46.2282, 15.9865

Square

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



54.4512, 46.2282, 100.6608



59.1151, 46.2282, 27.2175



34.8743, 46.2282, 20.4063



31.6108, 46.2282, 83.8224

Rectangle

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



54.4512, 46.2282, 100.6608



62.9419, 46.2282, 54.2204



34.8743, 46.2282, 20.4063



29.2060, 46.2282, 46.6392

Sweetspot

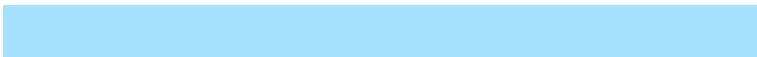
The Sweet Spot groups the original color and five complimentary colors.



54.4527, 46.2300, 100.6611



81.4999, 81.7294, 106.0876



60.7924, 69.3589, 104.7912



17.0639, 16.9846, 22.6289



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.



54.4527, 46.2300, 100.6611



48.3918, 38.5590, 99.4999



67.6789, 53.0484, 101.2800



17.5800, 17.6752, 22.7350



11.5764, 4.8783, 49.7661



1.2380, 0.5322, 4.8507

Inverse Universe

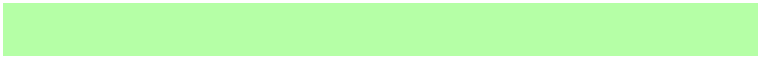
The Inverse Universe completely reimagines the original color for something new.



68.4676, 53.9701, 78.0433



64.5870, 47.5176, 72.7153



61.6610, 84.0773, 49.0569



18.5171, 18.1902, 21.3404



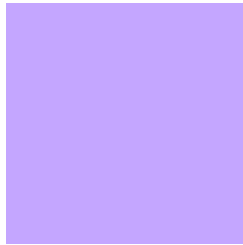
25.3654, 12.6354, 21.1064



2.5207, 1.2507, 2.3236

Previews

White Background



This preview shows how the XYZ color 54.4512, 46.2282, 100.6608 looks on a white background.

Color Contrast Check

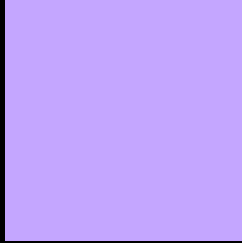
Large Text (above 18pt) WCAG AA × Fail

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 54.4512, 46.2282, 100.6608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

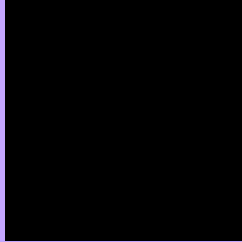
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4512, 46.2282, 100.6608

Background



This preview shows how black text looks on a background with the XYZ color 54.4512, 46.2282, 100.6608.



This preview shows how white text looks on a background with the XYZ color 54.4512, 46.2282,

100.6608.

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

54.4512, 46.2282, 100.6608

Protanopia

48.0747, 46.6283, 101.0741

Deuteranopia

47.5954, 46.4366, 98.5501



Tritanopia

45.7533, 46.4047, 56.9976

Trichromacy



Original Color

54.4512, 46.2282, 100.6608

Protanomaly

49.9806, 46.1500, 100.8813

Deuteranomaly

49.6603, 46.0219, 99.1942

Tritanomaly

48.5170, 46.0488, 71.2969

Monochromacy



Original Color

54.4512, 46.2282, 100.6608

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.5395, 47.3127, 67.5467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4512, 46.2282, 100.6608 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(196, 166, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 166, 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(196, 166, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 166, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.4512, 46.2282, 100.6608 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(196, 166, 255) }
```


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

```
.border{ border-color:rgb(196, 166, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 166, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 166, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 166, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 166,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4512, 46.2282, 100.6608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 166, 255) }
```

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

```
.background{ background-color: rgb(196,  
166, 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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