

Converting Colors

XYZ(54.4866, 46.5318, 93.0368)

Have a look what the booklet for
XYZ(54.4866, 46.5318, 93.0368)
contains.

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Color

**XYZ(54.3582, 46.3438,
93.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A6F6
RGB	201, 166, 246
RGB Percent	79%, 65%, 96%
CMY	0.2118, 0.3490, 0.0353
CMYK	0.18, 0.33, 0.00, 0.04
HSL	266°, 82%, 81%
HSV	266°, 33%, 96%
XYZ	54.3582, 46.3438, 93.2690
YIQ	185.5850, -4.8200, 32.3000

Conversions

Conversions Part 2

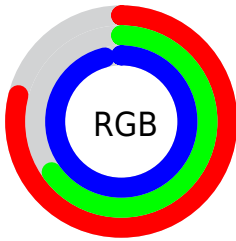
Format	Color
R _{YB}	201, 166, 246
Decimal	13215478
CIE _{Lab}	73.77, 28.10, -35.17
CIE _{LCh}	74, 45.016, 308.622
Yxy	46.3438, 0.2802, 0.2389
Android (android.graphics.Color)	4291405558 (0xFFC9A6F6)
YUV	185.5850, 29.7846, 13.5190
Hunter-Lab	68.0763, 23.3969, -33.5778

Details

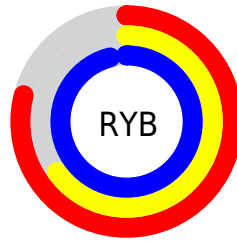
The XYZ color **54.3582, 46.3438, 93.2690** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.7040, 82.5146, 48.4896**, and the grayscale version is **46.2824, 48.6926, 53.0263**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **27.0567, 21.8197, 50.9297** is the 20% darker color. If you saturate the color by 10%, you get **46.7532, 36.4086, 91.7529**, and if you desaturate by 10%, it is **63.1567, 58.1660, 95.0879**.

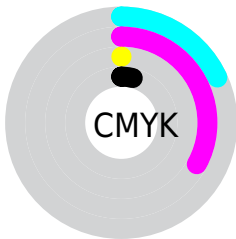
Distribution



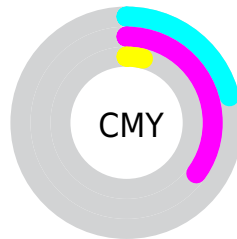
- Red (79%)
- Green (65%)
- Blue (96%)



- Red (79%)
- Yellow (65%)
- Blue (96%)



- Cyan (18%)
- Magenta (33%)
- Yellow (0%)
- Black (4%)





- Cyan (21%)
- Magenta (35%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3582, 46.3438, 93.2690 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 54.3582, 46.3438, 93.2690 by changing the saturation by 10% instead.


 54.3582, 46.3438,
93.2690


 54.3582, 46.3438,
93.2690


393.6506,
372.1891, 559.4505

 39.1199, 32.5172,
70.1062

 95.7538, 84.7333,
153.8459

 27.0342, 21.7569,
51.1358

 122.6418,
110.0650, 192.0971

 17.7356, 13.6783,
35.9392


154.1438,
140.0005, 236.2148

 10.8589, 7.8973,
24.0979

190.6251,
174.9242, 286.6176

 6.0386, 4.0293,
15.1934

232.4511,
215.2205, 343.7241

 2.9095, 1.6900,
8.8071

279.9871,

 1.1061, 0.4171,

261.2739, 407.9527

4.5205

333.5985,
313.4686, 479.7220

■ 0.0302, 0.0000,
1.9150

■ 0.0000, 0.0000,
0.5023

■ 54.3582, 46.3438,
93.2690

■ 54.3582, 46.3438,
93.2690

■ 46.7532, 36.4086,
91.7529

■ 63.1567, 58.1660,
95.0879

■ 40.2793, 28.2524,
90.5198

■ 73.1976, 71.9639,
97.2220

■ 34.8750, 21.7647,
89.5524

■ 84.5323, 87.8275,
99.6866

■ 30.4703, 16.8195,
88.8300

■ 93.6347, 99.4339,
101.4471

■ 26.9855, 13.2725,
88.3291

■ 24.3257, 10.9496,
88.0209

■ 22.7735, 9.8186,
87.8844

Harmonies

Analogous

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



46.3936, 46.3438, 107.7109



54.3582, 46.3438, 93.2690



59.9715, 46.3438, 68.2719

Triad

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



54.3582, 46.3438, 93.2690



49.8935, 46.3438, 19.5622



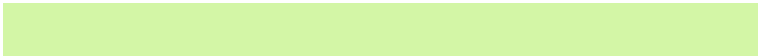
30.5296, 46.3438, 57.3533

Complementary

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



54.3582, 46.3438, 93.2690



66.7040, 82.5146, 48.4896

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.



31.2272, 46.3438, 36.0524



54.3582, 46.3438, 93.2690



41.7836, 46.3438, 18.2468

Square

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



54.3582, 46.3438, 93.2690



57.1846, 46.3438, 27.6654



35.1323, 46.3438, 23.2858



33.0958, 46.3438, 83.2342

Rectangle

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



54.3582, 46.3438, 93.2690



61.2747, 46.3438, 51.5267



35.1323, 46.3438, 23.2858



30.3972, 46.3438, 49.4091

Sweetspot

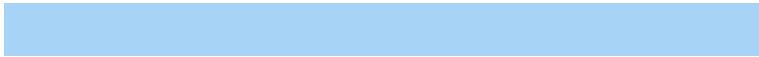
The Sweet Spot groups the original color and five complimentary colors.



54.3598, 46.3457, 93.2700



82.3662, 82.1761, 106.1281



55.7392, 61.5168, 96.1257



17.2729, 17.0923, 22.6387



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.



54.3598, 46.3457, 93.2700



53.4320, 42.9964, 100.0907



66.4340, 52.5702, 93.8351



16.2691, 16.2813, 20.8277



12.3101, 5.3204, 46.9162



1.1977, 0.5273, 4.1289

Inverse Universe

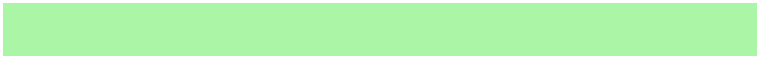
The Inverse Universe completely reimagines the original color for something new.



63.4015, 51.5702, 68.2420



64.8726, 49.6140, 68.1083



56.7075, 77.3613, 48.0218



16.8895, 16.6387, 19.1649



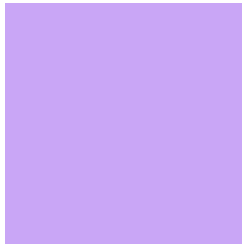
22.8211, 11.4719, 14.2979



2.0573, 1.0289, 1.5283

Previews

White Background



This preview shows how the XYZ color 54.3582, 46.3438, 93.2690 looks on a white background.

Color Contrast Check

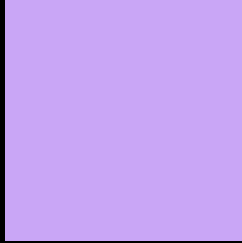
Large Text (above 18pt) WCAG AA × Fail

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 54.3582, 46.3438, 93.2690 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 54.3582, 46.3438, 93.2690

Background



This preview shows how black text looks on a background with the XYZ color 54.3582, 46.3438, 93.2690.



This preview shows how white text looks on a background with the XYZ color 54.3582, 46.3438,

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

54.3582, 46.3438, 93.2690

Protanopia

48.2707, 46.7293, 101.0833

Deuteranopia

47.6076, 46.6038, 91.2803



Tritanopia

46.8643, 46.4123, 55.7787

Trichromacy



Original Color

54.3582, 46.3438, 93.2690

Protanomaly

50.1623, 46.2990, 98.3882

Deuteranomaly

49.5966, 46.1509, 91.8819

Tritanomaly

49.2071, 46.1924, 67.9505

Monochromacy



Original Color

54.3582, 46.3438, 93.2690

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.9911, 47.8706, 66.3324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3582, 46.3438, 93.2690 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, 166, 246)` looks like.

```
.text, #text, p{  
    color:rgb(201, 166, 246)  
}
```

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, 166, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 166, 246) }
```

Border

The CSS property to change the border of an element to XYZ 54.3582, 46.3438, 93.2690 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, 166, 246) }
```


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

```
.border{ border-color:rgb(201, 166, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 166, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 166, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 166, 246);  
box-shadow:4px 4px 4px 4px rgb(201, 166,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3582, 46.3438, 93.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 166, 246) }
```

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

```
.background{ background-color: rgb(201,  
166, 246) }
```

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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