

Converting Colors

XYZ(54.2578, 46.4139, 89.9620)

Have a look what the booklet for
XYZ(54.2578, 46.4139, 89.9620)
contains.

XYZ(54.2918, 46.3798, 90.0951)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.2918, 46.3798,
90.0951)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA6F2
RGB	203, 166, 242
RGB Percent	80%, 65%, 95%
CMY	0.2039, 0.3490, 0.0510
CMYK	0.16, 0.31, 0.00, 0.05
HSL	269°, 75%, 80%
HSV	269°, 31%, 95%
XYZ	54.2918, 46.3798, 90.0951
YIQ	185.7270, -2.3440, 31.4800

Conversions

Conversions Part 2

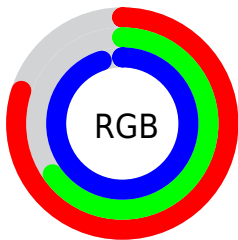
Format	Color
R _Y B	203, 166, 242
Decimal	13346546
CIE Lab	73.79, 27.83, -32.95
CIE LCh	74, 43.130, 310.183
Yxy	46.3798, 0.2846, 0.2431
Android (android.graphics.Color)	4291536626 (0xFFCBA6F2)
YUV	185.7270, 27.7426, 15.1484
Hunter-Lab	68.1027, 23.1213, -30.7646

Details

The XYZ color **54.2918, 46.3798, 90.0951** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.8135, 79.2378, 48.0096**, and the grayscale version is **46.3716, 48.7865, 53.1285**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **27.0930, 21.8757, 49.2488** is the 20% darker color. If you saturate the color by 10%, you get **47.0523, 36.7211, 88.6131**, and if you desaturate by 10%, it is **62.6330, 57.8373, 91.8677**.

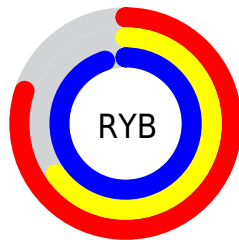
Distribution



Red (80%)

Green (65%)

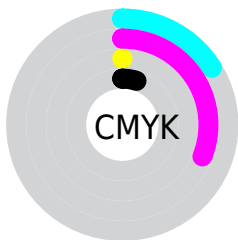
Blue (95%)



Red (80%)

Yellow (65%)

Blue (95%)

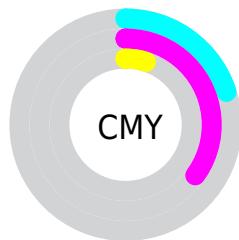


Cyan (16%)

Magenta (31%)

Yellow (0%)

Black (5%)



Cyan (20%)


Magenta (35%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2918, 46.3798, 90.0951 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 54.2918, 46.3798, 90.0951 by changing the saturation by 10% instead.


 54.2918, 46.3798,
90.0951


 54.2918, 46.3798,
90.0951


393.4020,
372.3335, 548.9182

 39.0666, 32.5456,
67.4854

 95.6569, 84.7871,
149.4072

 26.9925, 21.7786,
49.0151


 122.5276,
110.1291, 186.9466

 17.7041, 13.6943,
34.2658

154.0108,
140.0757, 230.2996

 10.8362, 7.9084,
22.8188

190.4718,
175.0115, 279.8848

 6.0233, 4.0364,
14.2558

232.2761,
215.3207, 336.1207

 2.9000, 1.6939,
8.1580

279.7890,

 1.1011, 0.4197,

261.3879, 399.4259

4.1070

333.3758,
313.5973, 470.2189

■ 0.0261, 0.0000,
1.6842

■ 0.0000, 0.0000,
0.3499

■ 54.2918, 46.3798,
90.0951

■ 54.2918, 46.3798,
90.0951

■ 47.0523, 36.7211,
88.6131

■ 62.6330, 57.8373,
91.8677

■ 40.8570, 28.7592,
87.4028

■ 72.1202, 71.1768,
93.9425

■ 35.6498, 22.3903,
86.4479

■ 82.8009, 86.4831,
96.3340

■ 31.3666, 17.4965,
85.7291

■ 92.1776, 98.7529,
98.2081

■ 27.9347, 13.9427,
85.2240

■ 93.0272, 99.1909,
98.2478

■ 25.2677, 11.5673,
84.9061

■ 23.4732, 10.2494,
84.7463

Harmonies

Analogous

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



46.7398, 46.3798, 104.4738



54.2918, 46.3798, 90.0951



59.4516, 46.3798, 66.2023

Triad

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



54.2918, 46.3798, 90.0951



49.2699, 46.3798, 20.2903



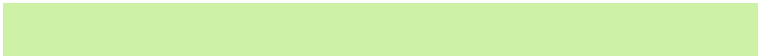
31.1102, 46.3798, 58.3353

Complementary

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



54.2918, 46.3798, 90.0951



63.8135, 79.2378, 48.0096

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.



31.6207, 46.3798, 37.4999



54.2918, 46.3798, 90.0951



41.5281, 46.3798, 19.3077

Square

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



54.2918, 46.3798, 90.0951



56.3275, 46.3798, 27.8685



35.2409, 46.3798, 24.6306



33.7548, 46.3798, 82.9217

Rectangle

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



54.2918, 46.3798, 90.0951



60.5232, 46.3798, 50.3648



35.2409, 46.3798, 24.6306



30.9266, 46.3798, 50.6348

Sweetspot

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



54.2933, 46.3817, 90.0961



83.9598, 84.0557, 106.4070



53.6498, 58.3099, 92.4324



17.6095, 17.4767, 22.6952



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.



54.2933, 46.3817, 90.0961



55.5465, 44.7260, 100.3131



65.8492, 52.3390, 90.6369



15.6298, 15.6064, 19.9102



12.7665, 5.5868, 45.5334



1.1765, 0.5238, 3.7933

Inverse Universe

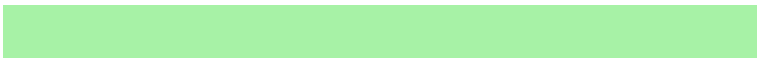
The Inverse Universe completely reimagines the original color for something new.



61.2751, 50.5594, 64.2891



64.8477, 50.2933, 65.8519



54.6294, 74.5032, 47.5798



16.1114, 15.8943, 18.1429



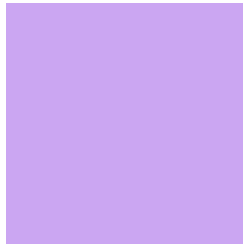
21.7016, 10.9531, 11.6112



1.8556, 0.9313, 1.2307

Previews

White Background



This preview shows how the XYZ color 54.2918, 46.3798, 90.0951 looks on a white background.

Color Contrast Check

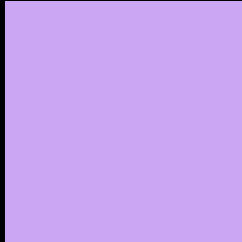
Large Text (above 18pt) WCAG AA × Fail

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 54.2918, 46.3798, 90.0951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

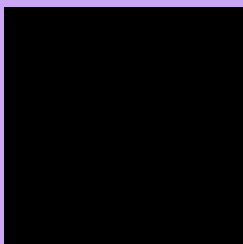
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2918, 46.3798, 90.0951

Background



This preview shows how black text looks on a background with the XYZ color 54.2918, 46.3798, 90.0951.



This preview shows how white text looks on a background with the XYZ color 54.2918, 46.3798,

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

54.2918, 46.3798, 90.0951

Protanopia

47.9889, 46.6394, 98.5685

Deuteranopia

47.6364, 46.6877, 88.1623



Tritanopia

47.0677, 46.2377, 55.1592

Trichromacy



Original Color

54.2918, 46.3798, 90.0951

Protanomaly

49.7585, 46.1634, 95.0948

Deuteranomaly

49.6866, 46.2667, 88.7497

Tritanomaly

49.2871, 45.9788, 66.5987

Monochromacy



Original Color

54.2918, 46.3798, 90.0951

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.9989, 47.9029, 65.0562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2918, 46.3798, 90.0951 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(203, 166, 242)` looks like.

```
.text, #text, p{  
    color:rgb(203, 166, 242)  
}
```

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(203, 166, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 166, 242) }
```

Border

The CSS property to change the border of an element to XYZ 54.2918, 46.3798, 90.0951 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(203, 166, 242) }
```


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

```
.border{ border-color:rgb(203, 166, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 166, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 166, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 166, 242);  
box-shadow:4px 4px 4px 4px rgb(203, 166,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2918, 46.3798, 90.0951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 166, 242) }
```

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

```
.background{ background-color: rgb(203,  
166, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor