

Converting Colors

XYZ(53.4114, 46.9342, 94.2398)

Have a look what the booklet for
XYZ(53.4114, 46.9342, 94.2398)
contains.

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Color

**XYZ(53.4114, 46.9342,
94.2398)**

Conversions

Conversions Part 1

Format	Color
Hex	C2AAF7
RGB	194, 170, 247
RGB Percent	76%, 67%, 97%
CMY	0.2392, 0.3333, 0.0314
CMYK	0.21, 0.31, 0.00, 0.03
HSL	259°, 83%, 82%
HSV	259°, 31%, 97%
XYZ	53.4114, 46.9342, 94.2398
YIQ	185.9540, -10.4130, 29.0350

Conversions

Conversions Part 2

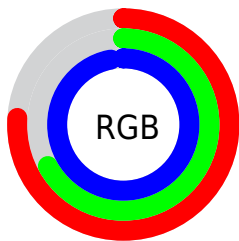
Format	Color
RYB	194, 170, 247
Decimal	12757751
CIELab	74.15, 24.04, -35.17
CIELCh	74, 42.602, 304.350
Yxy	46.9342, 0.2745, 0.2412
Android (android.graphics.Color)	4290947831 (0xFFC2AAF7)
YUV	185.9540, 30.0957, 7.0563
Hunter-Lab	68.5085, 19.2742, -33.6029

Details

The XYZ color **53.4114, 46.9342, 94.2398** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **70.9491, 85.1128, 50.7211**, and the grayscale version is **46.4888, 48.9098, 53.2628**.

A 20% lighter version of the original color is **84.7589, 81.5797, 105.8869**, and **26.4202, 22.1635, 51.6007** is the 20% darker color. If you saturate the color by 10%, you get **45.0923, 36.4065, 92.6470**, and if you desaturate by 10%, it is **63.1027, 59.4627, 96.1480**.

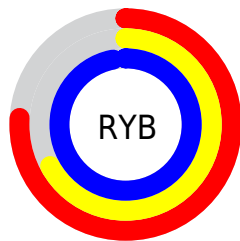
Distribution



Red (76%)

Green (67%)

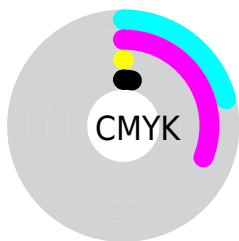
Blue (97%)



Red (76%)

Yellow (67%)

Blue (97%)

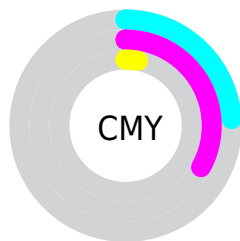


Cyan (21%)

Magenta (31%)

Yellow (0%)

Black (3%)



Cyan (24%)

Magenta (33%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4114, 46.9342, 94.2398 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 53.4114, 46.9342, 94.2398 by changing the saturation by 10% instead.

■ 53.4114, 46.9342,
94.2398

■ 53.4114, 46.9342,
94.2398

390.0966,
374.5518, 562.6505

■ 38.3601, 32.9836,
70.9090

■ 94.3714, 85.6154,
155.2005

■ 26.4408, 22.1139,
51.7866

121.0109,
111.1148, 193.6675

■ 17.2881, 13.9406,
36.4539

152.2437,
141.2327, 238.0169

■ 10.5367, 8.0794,
24.4925

188.4353,
176.3533, 288.6674

■ 5.8212, 4.1458,
15.4838

229.9511,
216.8611, 346.0375

■ 2.7763, 1.7554,
9.0092

277.1563,

■ 1.0366, 0.4592,

263.1406, 410.5456

4.6503

330.4163,
315.5760, 482.6105

■ 0.0000, 0.0000,
1.9885

■ 0.0000, 0.0000,
0.5482

■ 53.4114, 46.9342,
94.2398

■ 53.4114, 46.9342,
94.2398

■ 45.0923, 36.4065,
92.6470

■ 63.1027, 59.4627,
96.1480

■ 38.0752, 27.7677,
91.3494

■ 74.2224, 74.0845,
98.3843

■ 32.2902, 20.9032,
90.3293

■ 86.8293, 90.8933,
100.9642

■ 27.6587, 15.6833,
89.5659

■ 93.7886, 99.4955,
102.2578

■ 24.0916, 11.9600,
89.0352

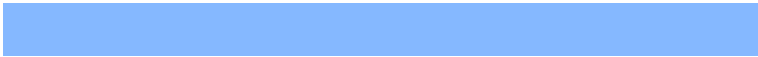
■ 21.4849, 9.5568,
88.7087

■ 19.8482, 8.2927,
88.5510

Harmonies

Analogous

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



45.7318, 46.9342, 105.4990



53.4114, 46.9342, 94.2398



59.1868, 46.9342, 71.5368

Triad

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



53.4114, 46.9342, 94.2398



51.2671, 46.9342, 21.8115



31.5202, 46.9342, 54.3576

Complementary

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



53.4114, 46.9342, 94.2398



70.9491, 85.1128, 50.7211

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.



32.6469, 46.9342, 34.9863



53.4114, 46.9342, 94.2398



43.5058, 46.9342, 19.6112

Square

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



53.4114, 46.9342, 94.2398



57.8531, 46.9342, 30.8706



36.8320, 46.9342, 23.6688



33.5591, 46.9342, 78.6703

Rectangle

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



53.4114, 46.9342, 94.2398



60.8621, 46.9342, 55.3529



36.8320, 46.9342, 23.6688



31.5432, 46.9342, 47.0771

Sweetspot

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



53.4130, 46.9361, 94.2409



82.5860, 83.3475, 106.3427



59.9963, 68.5205, 98.0601



17.2721, 17.3027, 22.6794



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.



53.4130, 46.9361, 94.2409



51.9834, 43.5422, 100.2724



64.3136, 52.5556, 94.7510



16.0671, 16.1772, 20.8183



10.6250, 4.4517, 46.8373



1.0351, 0.4435, 4.1213

Inverse Universe

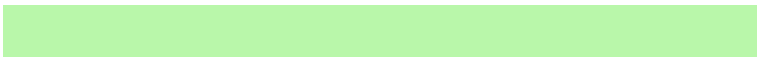
The Inverse Universe completely reimagines the original color for something new.



66.0531, 53.8531, 76.7267



67.5954, 52.0962, 78.1514



60.6222, 79.7891, 50.2378



16.9809, 16.6752, 19.6460



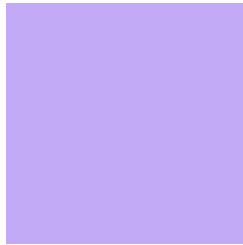
24.1910, 12.0198, 21.5118



2.1723, 1.0749, 2.1336

Previews

White Background



This preview shows how the XYZ color 53.4114, 46.9342, 94.2398 looks on a white background.

Color Contrast Check

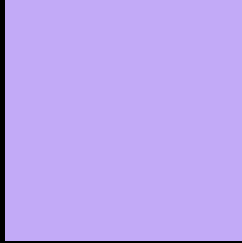
Large Text (above 18pt) WCAG AA × Fail

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 53.4114, 46.9342, 94.2398 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 53.4114, 46.9342, 94.2398

Background



This preview shows how black text looks on a background with the XYZ color 53.4114, 46.9342, 94.2398.



This preview shows how white text looks on a background with the XYZ color 53.4114, 46.9342,

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

53.4114, 46.9342, 94.2398

Protanopia

48.8685, 47.3361, 101.1689

Deuteranopia

48.3197, 47.2344, 92.9566



Tritanopia

46.0664, 46.8518, 57.6543

Trichromacy



Original Color

53.4114, 46.9342, 94.2398

Protanomaly

50.1093, 46.8496, 98.4973

Deuteranomaly

50.0644, 46.9346, 93.6094

Tritanomaly

48.2746, 46.5461, 69.3907

Monochromacy



Original Color

53.4114, 46.9342, 94.2398

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.6927, 48.0154, 66.3760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4114, 46.9342, 94.2398 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(194, 170, 247)` looks like.

```
.text, #text, p{  
    color:rgb(194, 170, 247)  
}
```

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(194, 170, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 170, 247) }
```

Border

The CSS property to change the border of an element to XYZ 53.4114, 46.9342, 94.2398 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(194, 170, 247) }
```


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

```
.border{ border-color:rgb(194, 170, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 170, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 170, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 170, 247);  
box-shadow:4px 4px 4px 4px rgb(194, 170,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4114, 46.9342, 94.2398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 170, 247) }
```

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

```
.background{ background-color: rgb(194,  
170, 247) }
```

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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