

Converting Colors

XYZ(54.1070, 46.1466, 93.3081)

Have a look what the booklet for
XYZ(54.1070, 46.1466, 93.3081)
contains.

XYZ(54.0902, 46.2056, 93.2565)	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(54.0902, 46.2056,
93.2565)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A6F6
RGB	200, 166, 246
RGB Percent	78%, 65%, 96%
CMY	0.2157, 0.3490, 0.0353
CMYK	0.19, 0.33, 0.00, 0.04
HSL	265°, 82%, 81%
HSV	265°, 33%, 96%
XYZ	54.0902, 46.2056, 93.2565
YIQ	185.2860, -5.4160, 32.0880

Conversions

Conversions Part 2

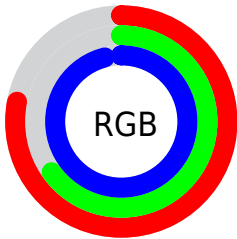
Format	Color
R _Y B	200, 166, 246
Decimal	13149942
CIE Lab	73.68, 27.80, -35.32
CIE LCh	74, 44.945, 308.209
Yxy	46.2056, 0.2795, 0.2387
Android (android.graphics.Color)	4291340022 (0xFFC8A6F6)
YUV	185.2860, 29.9320, 12.9042
Hunter-Lab	67.9747, 23.0839, -33.7594

Details

The XYZ color **54.0902, 46.2056, 93.2565** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.9914, 82.6628, 48.5030**, and the grayscale version is **46.1153, 48.5169, 52.8349**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **26.8797, 21.7285, 50.9214** is the 20% darker color. If you saturate the color by 10%, you get **46.4344, 36.2442, 91.7380**, and if you desaturate by 10%, it is **62.9540, 58.0614, 95.0785**.

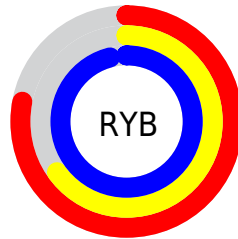
Distribution



Red (78%)

Green (65%)

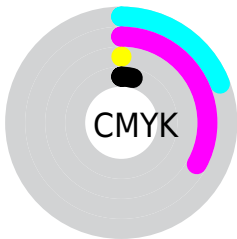
Blue (96%)



Red (78%)

Yellow (65%)

Blue (96%)

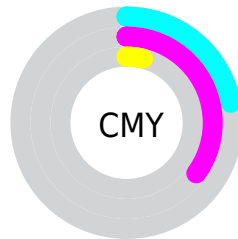


Cyan (19%)

Magenta (33%)

Yellow (0%)

Black (4%)



Cyan (22%)


Magenta (35%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0902, 46.2056, 93.2565 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 54.0902, 46.2056, 93.2565 by changing the saturation by 10% instead.


 54.0902, 46.2056,
93.2565


 54.0902, 46.2056,
93.2565


392.6466,
371.6346, 559.4093

 38.9047, 32.4081,
70.0959

 95.3628, 84.5266,
153.8285

 26.8660, 21.6734,
51.1274


 122.1806,
109.8189, 192.0769

 17.6087, 13.6171,
35.9326


153.6066,
139.7116, 236.1916

 10.7674, 7.8549,
24.0928

190.0062,
174.5891, 286.5912

 5.9768, 4.0022,
15.1897

231.7446,
214.8357, 343.6943

 2.8715, 1.6748,
8.8045

279.1872,

 1.0862, 0.4073,

260.8359, 407.9193

4.5188

332.6994,
312.9741, 479.6847

■ 0.0135, 0.0000,
1.9141

■ 0.0000, 0.0000,
0.5017

■ 54.0902, 46.2056,
93.2565

■ 54.0902, 46.2056,
93.2565

■ 46.4344, 36.2442,
91.7380

■ 62.9540, 58.0614,
95.0785

■ 39.9234, 28.0689,
90.5032

■ 73.0750, 71.9007,
97.2163

■ 34.4951, 21.5688,
89.5347

■ 84.5056, 87.8137,
99.6854

■ 30.0789, 16.6177,
88.8118

■ 93.6347, 99.4339,
101.4471

■ 26.5942, 13.0708,
88.3108

■ 23.9452, 10.7535,
88.0031

■ 22.4077, 9.6300,
87.8673

Harmonies

Analogous

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



46.1410, 46.2056, 107.4240



54.0902, 46.2056, 93.2565



59.7325, 46.2056, 68.4169

Triad

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



54.0902, 46.2056, 93.2565



49.8527, 46.2056, 19.5786



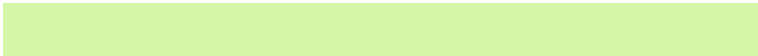
30.4329, 46.2056, 56.8382

Complementary

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



54.0902, 46.2056, 93.2565



66.9914, 82.6628, 48.5030

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.



31.1731, 46.2056, 35.7180



54.0902, 46.2056, 93.2565



41.7658, 46.2056, 18.1819

Square

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



54.0902, 46.2056, 93.2565



57.0873, 46.2056, 27.7600



35.1068, 46.2056, 23.1112



32.9462, 46.2056, 82.6183

Rectangle

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



54.0902, 46.2056, 93.2565



61.0770, 46.2056, 51.6935



35.1068, 46.2056, 23.1112



30.3160, 46.2056, 48.9515

Sweetspot

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



54.0918, 46.2075, 93.2575



82.2577, 82.1201, 106.1231



56.0725, 62.1834, 96.2368



17.2467, 17.0788, 22.6375



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.



54.0918, 46.2075, 93.2575



53.1034, 42.8270, 100.0753



65.9813, 52.3368, 93.8140



16.2488, 16.2709, 20.8268



12.1128, 5.2187, 46.9069



1.1795, 0.5179, 4.1280

Inverse Universe

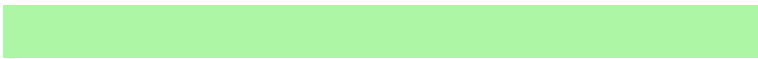
The Inverse Universe completely reimagines the original color for something new.



63.5273, 51.6205, 68.9043



65.0296, 49.6768, 68.9349



57.0001, 77.5121, 48.0354



16.8986, 16.6423, 19.2124



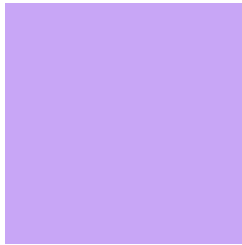
22.9419, 11.5202, 14.9344



2.0677, 1.0331, 1.5830

Previews

White Background



This preview shows how the XYZ color 54.0902, 46.2056, 93.2565 looks on a white background.

Color Contrast Check

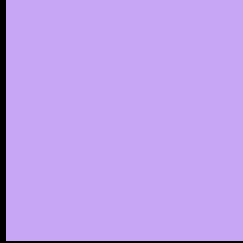
Large Text (above 18pt) WCAG AA × Fail

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 54.0902, 46.2056, 93.2565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

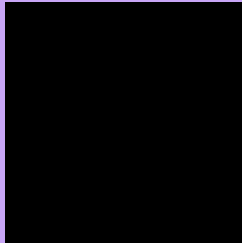
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0902, 46.2056, 93.2565

Background



This preview shows how black text looks on a background with the XYZ color 54.0902, 46.2056, 93.2565.



This preview shows how white text looks on a background with the XYZ color 54.0902, 46.2056,

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

54.0902, 46.2056, 93.2565

Protanopia

48.0747, 46.6283, 101.0741

Deuteranopia

47.6076, 46.6038, 91.2803



Tritanopia

46.6120, 46.2822, 55.7669

Trichromacy



Original Color

54.0902, 46.2056, 93.2565

Protanomaly

49.9403, 46.1846, 98.3778

Deuteranomaly

49.5966, 46.1509, 91.8819

Tritanomaly

48.9496, 46.0596, 67.9385

Monochromacy



Original Color

54.0902, 46.2056, 93.2565

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.4181, 47.2929, 65.6080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0902, 46.2056, 93.2565 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(200, 166, 246)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 166, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 166, 246) }
```

Border

The CSS property to change the border of an element to XYZ 54.0902, 46.2056, 93.2565 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(200, 166, 246) }
```


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

```
.border{ border-color:rgb(200, 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(200, 166, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 166, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 166, 246);  
box-shadow:4px 4px 4px 4px rgb(200, 166,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0902, 46.2056, 93.2565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 166, 246) }
```

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

```
.background{ background-color: rgb(200,  
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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