

Converting Colors

XYZ(54.4097, 46.2225, 85.9498)

Have a look what the booklet for
XYZ(54.4097, 46.2225, 85.9498)
contains.

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Color

**XYZ(54.4733, 46.2901,
86.1846)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA5ED
RGB	207, 165, 237
RGB Percent	81%, 65%, 93%
CMY	0.1882, 0.3529, 0.0706
CMYK	0.13, 0.30, 0.00, 0.07
HSL	275°, 67%, 79%
HSV	275°, 30%, 93%
XYZ	54.4733, 46.2901, 86.1846
YIQ	185.7660, 1.9200, 31.2960

Conversions

Conversions Part 2

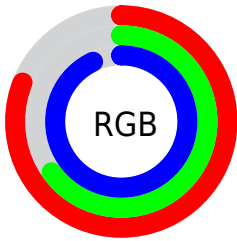
Format	Color
R _Y B	207, 165, 237
Decimal	13608429
CIE Lab	73.73, 28.54, -30.29
CIE LCh	74, 41.620, 313.293
Yxy	46.2901, 0.2914, 0.2476
Android (android.graphics.Color)	4291798509 (0xFFCFA5ED)
YUV	185.7660, 25.2584, 18.6222
Hunter-Lab	68.0368, 23.8506, -27.4789

Details

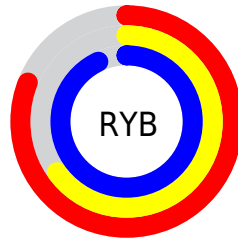
The XYZ color **54.4733, 46.2901, 86.1846** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.5830, 74.8883, 46.9140**, and the grayscale version is **46.4050, 48.8217, 53.1669**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **27.1945, 21.8219, 46.4948** is the 20% darker color. If you saturate the color by 10%, you get **47.9152, 37.1416, 84.7651**, and if you desaturate by 10%, it is **61.9991, 57.1156, 87.8782**.

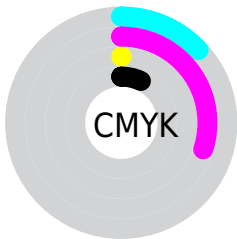
Distribution



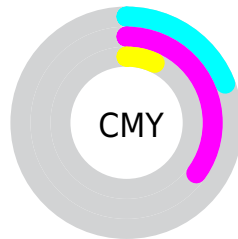
- Red (81%)
- Green (65%)
- Blue (93%)



- Red (81%)
- Yellow (65%)
- Blue (93%)



- Cyan (13%)
- Magenta (30%)
- Yellow (0%)
- Black (7%)





- Cyan (19%)
- Magenta (35%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4733, 46.2901, 86.1846 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 54.4733, 46.2901, 86.1846 by changing the saturation by 10% instead.


 54.4733, 46.2901,
86.1846


 54.4733, 46.2901,
86.1846


394.0812,
371.9737, 535.7862

 39.2124, 32.4748,
64.2649

 95.9217, 84.6530,
143.9159

 27.1064, 21.7244,
46.4177


 122.8398,
109.9694, 180.5645

 17.7902, 13.6545,
32.2245


154.3744,
139.8882, 222.9599

 10.8982, 7.8808,
21.2668

190.8907,
174.7940, 271.5205

 6.0652, 4.0188,
13.1260

232.7542,
215.0710, 326.6649

 2.9258, 1.6841,
7.3836

280.3303,

 1.1147, 0.4133,

261.1037, 388.8116

3.6211

333.9841,
313.2765, 458.3792

■ 0.0373, 0.0000,
1.4199

■ 0.0000, 0.0000,
0.1571

■ 54.4733, 46.2901,
86.1846

■ 54.4733, 46.2901,
86.1846

■ 47.9152, 37.1416,
84.7651

■ 61.9991, 57.1156,
87.8782

■ 42.2733, 29.5749,
83.6020

■ 70.5315, 69.6947,
89.8565

■ 37.4977, 23.4942,
82.6800

■ 80.1126, 84.1062,
92.1332

■ 33.5316, 18.7906,
81.9811

■ 89.2288, 97.3183,
94.2030

■ 30.3101, 15.3393,
81.4848

■ 92.2862, 98.8945,
94.3460

■ 27.7565, 12.9922,
81.1663

■ 25.8087, 11.5390,
80.9885

Harmonies

Analogous

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



47.3446, 46.2901, 101.2579



54.4733, 46.2901, 86.1846



59.0513, 46.2901, 63.0234

Triad

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



54.4733, 46.2901, 86.1846



48.2080, 46.2901, 20.6184



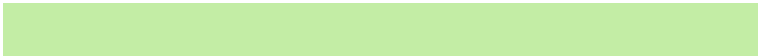
31.5717, 46.2901, 60.3455

Complementary

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



54.4733, 46.2901, 86.1846



59.5830, 74.8883, 46.9140

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.



31.7476, 46.2901, 39.5894



54.4733, 46.2901, 86.1846



40.8117, 46.2901, 20.2747

Square

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



54.4733, 46.2901, 86.1846



55.1661, 46.2901, 27.3378



34.9588, 46.2901, 26.2139



34.4480, 46.2901, 83.7575

Rectangle

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



54.4733, 46.2901, 86.1846



59.7550, 46.2901, 48.1013



34.9588, 46.2901, 26.2139



31.2863, 46.2901, 52.7750

Sweetspot

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



54.4748, 46.2920, 86.1856



84.7297, 84.4526, 106.4430



50.5899, 53.6858, 87.8175



17.7991, 17.5744, 22.7040



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.



54.4748, 46.2920, 86.1856



59.7236, 48.1988, 100.7633



62.9754, 50.7542, 82.9712



15.0731, 14.9829, 19.0198



14.2434, 6.3787, 44.2235



1.2276, 0.5571, 3.4777

Inverse Universe

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



58.2320, 48.8568, 57.9929



64.9684, 51.7638, 62.1038



53.0396, 71.4636, 48.9315



15.3258, 15.1582, 17.0009



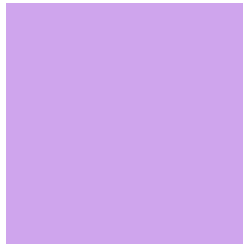
20.3528, 10.3438, 7.6594



1.6451, 0.8310, 0.8487

Previews

White Background



This preview shows how the XYZ color 54.4733, 46.2901, 86.1846 looks on a white background.

Color Contrast Check

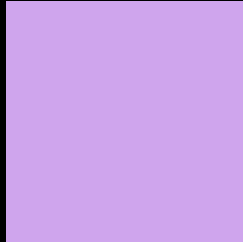
Large Text (above 18pt) WCAG AA × Fail

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 54.4733, 46.2901, 86.1846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

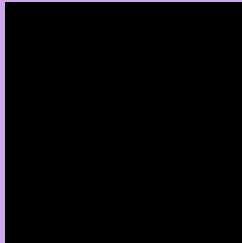
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4733, 46.2901, 86.1846

Background



This preview shows how black text looks on a background with the XYZ color 54.4733, 46.2901, 86.1846.



This preview shows how white text looks on a background with the XYZ color 54.4733, 46.2901,

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

54.4733, 46.2901, 86.1846

Protanopia

47.7613, 46.5946, 95.2833

Deuteranopia

47.5663, 46.4392, 84.2986



Tritanopia

47.7663, 46.0451, 53.9470

Trichromacy



Original Color

54.4733, 46.2901, 86.1846

Protanomaly

49.8253, 46.2687, 91.8926

Deuteranomaly

49.7061, 46.0756, 84.8710

Tritanomaly

50.0606, 46.1386, 64.6597

Monochromacy



Original Color

54.4733, 46.2901, 86.1846

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.1880, 47.7179, 64.3756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4733, 46.2901, 86.1846 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(207, 165, 237)` looks like.

```
.text, #text, p{  
    color:rgb(207, 165, 237)  
}
```

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(207, 165, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 165, 237) }
```

Border

The CSS property to change the border of an element to XYZ 54.4733, 46.2901, 86.1846 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(207, 165, 237) }
```


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

```
.border{ border-color:rgb(207, 165, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 165, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 165, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 165, 237);  
box-shadow:4px 4px 4px 4px rgb(207, 165,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4733, 46.2901, 86.1846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 165, 237) }
```

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

```
.background{ background-color: rgb(207,  
165, 237) }
```

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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