

Converting Colors

XYZ(54.7594, 46.2816, 71.5863)

Have a look what the booklet for
XYZ(54.7594, 46.2816, 71.5863)
contains.

XYZ(54.8350, 46.2642, 71.6854)	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(54.8350, 46.2642,
71.6854)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA3D9
RGB	219, 163, 217
RGB Percent	86%, 64%, 85%
CMY	0.1412, 0.3608, 0.1490
CMYK	0.00, 0.26, 0.01, 0.14
HSL	302°, 44%, 75%
HSV	302°, 26%, 86%
XYZ	54.8350, 46.2642, 71.6854
YIQ	185.9000, 16.0420, 28.6660

Conversions

Conversions Part 2

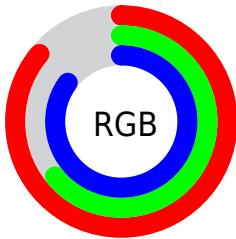
Format	Color
R _Y B	219, 163, 217
Decimal	14394329
CIE Lab	73.72, 29.53, -19.30
CIE LCh	74, 35.280, 326.826
Yxy	46.2642, 0.3174, 0.2678
Android (android.graphics.Color)	4292584409 (0xFFDBA3D9)
YUV	185.9000, 15.3323, 29.0287
Hunter-Lab	68.0178, 24.8731, -14.8745

Details

The XYZ color **54.8350, 46.2642, 71.6854** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.2292, 61.1676, 44.9172**, and the grayscale version is **46.5280, 48.9511, 53.3077**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **27.3103, 21.7640, 36.9439** is the 20% darker color. If you saturate the color by 10%, you get **51.1771, 39.1101, 69.9657**, and if you desaturate by 10%, it is **59.1695, 54.7691, 73.6341**.

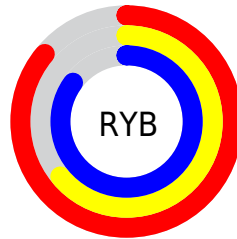
Distribution



Red (86%)

Green (64%)

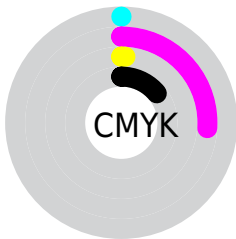
Blue (85%)



Red (86%)

Yellow (64%)

Blue (85%)

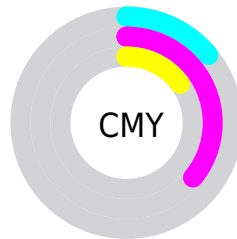


Cyan (0%)

Magenta (26%)

Yellow (1%)

Black (14%)



Cyan (14%)


Magenta (36%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8350, 46.2642, 71.6854 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 54.8350, 46.2642, 71.6854 by changing the saturation by 10% instead.


 54.8350, 46.2642,
71.6854


 54.8350, 46.2642,
71.6854


395.4328,
371.8698, 485.3939

 39.5030, 32.4544,
52.4165


 96.4489, 84.6143,
123.3127

 27.3337, 21.7088,
36.9526


 123.4615,
109.9233, 156.5081

 17.9619, 13.6431,
24.8753

155.0982,
139.8341, 195.1828

 11.0221, 7.8728,
15.7660

191.7246,
174.7312, 239.7553

 6.1491, 4.0137,
9.2062

233.7058,
214.9989, 290.6441

 2.9775, 1.6812,
4.7773

281.4074,

 1.1419, 0.4115,

261.0217, 348.2678

2.0607

335.1946,
313.1838, 413.0449

■ 0.0597, 0.0000,
0.5922

■ 0.0000, 0.0000,
0.0000

■ 54.8350, 46.2642,
71.6854

■ 54.8350, 46.2642,
71.6854

■ 51.1771, 39.1101,
69.9657

■ 59.1695, 54.7691,
73.6341

■ 48.1569, 33.2315,
68.4604

■ 64.2086, 64.6832,
75.8194

■ 45.7380, 28.5546,
67.1579

■ 69.9838, 76.0688,
78.2526

■ 43.8786, 24.9959,
66.0443

■ 76.5235, 88.9826,
80.9429

42.5316, 22.4613,
65.1039

78.0134, 91.7961,
81.9524

41.6422, 20.8411,
64.3183

78.1178, 91.8379,
82.5025

41.1429, 20.0004,
63.6652

78.2228, 91.8799,
83.0552

40.9940, 19.7724,
63.4007

78.3282, 91.9220,
83.6104

78.4341, 91.9644,
84.1681

Harmonies

Analogous

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



49.6306, 46.2642, 87.8168



54.8350, 46.2642, 71.6854



57.1171, 46.2642, 52.3064

Triad

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



54.8350, 46.2642, 71.6854



44.6424, 46.2642, 23.2016



34.0836, 46.2642, 67.5843

Complementary

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



54.8350, 46.2642, 71.6854



47.2292, 61.1676, 44.9172

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.



33.0176, 46.2642, 48.4895



54.8350, 46.2642, 71.6854



38.7621, 46.2642, 25.4514

Square

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



54.8350, 46.2642, 71.6854



50.8923, 46.2642, 26.6812



34.6489, 46.2642, 33.7697



37.7107, 46.2642, 85.0815

Rectangle

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



54.8350, 46.2642, 71.6854



56.5277, 46.2642, 41.0409



34.6489, 46.2642, 33.7697



33.4297, 46.2642, 61.0242

Sweetspot

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



54.8364, 46.2662, 71.6864



88.7668, 87.6210, 106.2278



41.3748, 39.2962, 72.4231



18.7630, 18.2885, 22.6350



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.



54.8364, 46.2662, 71.6864



74.3541, 59.3305, 99.7748



51.5121, 44.9365, 54.1805



13.5932, 13.2664, 16.3852



24.3162, 11.7275, 37.6408



1.5817, 0.7623, 2.4724

Inverse Universe

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



54.8364, 46.2662, 71.6864



74.3541, 59.3305, 99.7748



50.0483, 62.2953, 59.7623



13.5932, 13.2664, 16.3852



24.3162, 11.7275, 37.6408



1.5817, 0.7623, 2.4724

Previews

White Background



This preview shows how the XYZ color 54.8350, 46.2642, 71.6854 looks on a white background.

Color Contrast Check

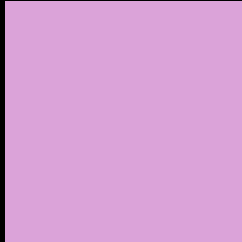
Large Text (above 18pt) WCAG AA × Fail

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 54.8350, 46.2642, 71.6854 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 54.8350, 46.2642, 71.6854

Background



This preview shows how black text looks on a background with the XYZ color 54.8350, 46.2642, 71.6854.



This preview shows how white text looks on a background with the XYZ color 54.8350, 46.2642,

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

54.8350, 46.2642, 71.6854

Protanopia

46.6870, 46.6790, 79.9481

Deuteranopia

47.3882, 46.3666, 70.0704



Tritanopia

50.4668, 46.0910, 51.0363

Trichromacy



Original Color

54.8350, 46.2642, 71.6854



Protanomaly

49.0841, 46.2187, 76.8551



Deuteranomaly

49.7832, 46.1471, 70.5734



Tritanomaly

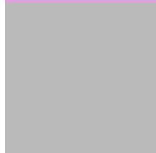
51.9879, 46.1765, 57.8027

Monochromacy



Original Color

54.8350, 46.2642, 71.6854



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

49.2871, 47.8778, 59.4669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8350, 46.2642, 71.6854 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(219, 163, 217)` looks like.

```
.text, #text, p{  
    color:rgb(219, 163, 217)  
}
```

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(219, 163, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 163, 217) }
```

Border

The CSS property to change the border of an element to XYZ 54.8350, 46.2642, 71.6854 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(219, 163, 217) }
```


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

```
.border{ border-color:rgb(219, 163, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 163, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 163, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 163, 217); box-shadow:4px 4px 4px 4px rgb(219, 163, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8350, 46.2642, 71.6854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 163, 217) }
```

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

```
.background{ background-color: rgb(219,  
163, 217) }
```

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