

Converting Colors

XYZ(54.3144, 46.1603, 76.2861)

Have a look what the booklet for
XYZ(54.3144, 46.1603, 76.2861)
contains.

XYZ(54.4616, 46.2289, 76.5736)	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(54.4616, 46.2289,
76.5736)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A4E0
RGB	214, 164, 224
RGB Percent	84%, 64%, 88%
CMY	0.1608, 0.3568, 0.1216
CMYK	0.04, 0.27, 0.00, 0.12
HSL	290°, 49%, 76%
HSV	290°, 27%, 88%
XYZ	54.4616, 46.2289, 76.5736
YIQ	185.7900, 10.5400, 29.2600

Conversions

Conversions Part 2

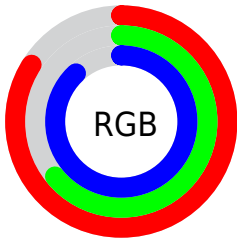
Format	Color
RYB	214, 164, 224
Decimal	14066912
CIELab	73.69, 28.68, -23.21
CIELCh	74, 36.897, 321.016
Yxy	46.2289, 0.3072, 0.2608
Android (android.graphics.Color)	4292256992 (0xFFD6A4E0)
YUV	185.7900, 18.8375, 24.7402
Hunter-Lab	67.9918, 23.9931, -19.1792

Details

The XYZ color **54.4616, 46.2289, 76.5736** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.8136, 64.9914, 44.9906**, and the grayscale version is **46.4498, 48.8688, 53.2181**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **27.2537, 21.8238, 40.3121** is the 20% darker color. If you saturate the color by 10%, you get **49.7238, 38.3515, 75.3035**, and if you desaturate by 10%, it is **59.9333, 55.5351, 78.0822**.

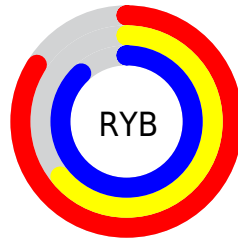
Distribution



Red (84%)

Green (64%)

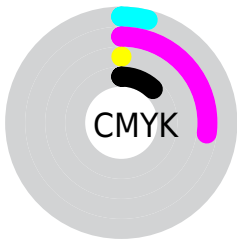
Blue (88%)



Red (84%)

Yellow (64%)

Blue (88%)

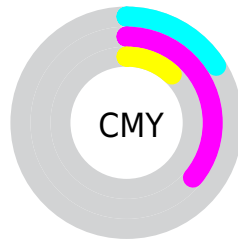


Cyan (4%)

Magenta (27%)

Yellow (0%)

Black (12%)



Cyan (16%)


Magenta (36%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4616, 46.2289, 76.5736 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 54.4616, 46.2289, 76.5736 by changing the saturation by 10% instead.


 54.4616, 46.2289,
76.5736


 54.4616, 46.2289,
76.5736


394.0375,
371.7281, 502.7080

 39.2030, 32.4265,
56.3935

 95.9046, 84.5615,
130.3049

 27.0991, 21.6875,
40.1124


 122.8197,
109.8604, 164.6932

 17.7846, 13.6274,
27.3117


154.3509,
139.7603, 204.6546

 10.8942, 7.8620,
17.5730

190.8637,
174.6456, 250.6078

 6.0625, 4.0068,
10.4776

232.7234,
214.9006, 302.9711

 2.9242, 1.6774,
5.6070

280.2954,

 1.1138, 0.4089,

260.9098, 362.1633

2.5427

333.9450,
313.0575, 428.6027

■ 0.0366, 0.0000,
0.8627

■ 0.0000, 0.0000,
0.0000

■ 54.4616, 46.2289,
76.5736

■ 54.4616, 46.2289,
76.5736

■ 49.7238, 38.3515,
75.3035

■ 59.9333, 55.5351,
78.0822

■ 45.6783, 31.8228,
74.2566

■ 66.1689, 66.3329,
79.8377

■ 42.2860, 26.5639,
73.4203

■ 73.2022, 78.6885,
81.8519

■ 39.5020, 22.4851,
72.7797

■ 81.0636, 92.6624,
84.1348

37.2753, 19.4851,
72.3180

82.7107, 94.1697,
84.3389

35.5466, 17.4451,
72.0154

83.9401, 94.8035,
84.3965

34.2397, 16.2130,
71.8465

85.1956, 95.4507,
84.4552

33.8672, 15.9049,
71.8066

86.4770, 96.1113,
84.5152

87.7848, 96.7855,
84.5764

Harmonies

Analogous

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



48.6071, 46.2289, 92.0146



54.4616, 46.2289, 76.5736



57.5734, 46.2289, 56.1736

Triad

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



54.4616, 46.2289, 76.5736



45.9330, 46.2289, 22.4762



33.2109, 46.2289, 64.3939

Complementary

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



54.4616, 46.2289, 76.5736



50.8136, 64.9914, 44.9906

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.



32.6477, 46.2289, 44.9164



54.4616, 46.2289, 76.5736



39.5801, 46.2289, 23.6376

Square

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



54.4616, 46.2289, 76.5736



52.3381, 46.2289, 27.2021



34.8677, 46.2289, 30.9015



36.4906, 46.2289, 83.8571

Rectangle

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



54.4616, 46.2289, 76.5736



57.4806, 46.2289, 43.7598



34.8677, 46.2289, 30.9015



32.7113, 46.2289, 57.5389

Sweetspot

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



54.4631, 46.2309, 76.5746



87.6441, 87.0287, 106.7866



43.9023, 43.5486, 76.6135



18.4780, 18.1382, 22.7771



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.



54.4631, 46.2309, 76.5746



69.4828, 56.0321, 101.7609



54.9164, 46.7598, 63.2592



14.0591, 13.8140, 17.3131



19.7971, 9.3011, 41.8002



1.4326, 0.6758, 2.9002

Inverse Universe

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



51.6574, 45.4562, 46.0976



65.2300, 54.8886, 54.1701



50.6188, 64.6657, 55.1631



13.8000, 13.7376, 14.7168



18.1190, 9.3146, 2.0265



1.2845, 0.6571, 0.2910

Previews

White Background



This preview shows how the XYZ color 54.4616, 46.2289, 76.5736 looks on a white background.

Color Contrast Check

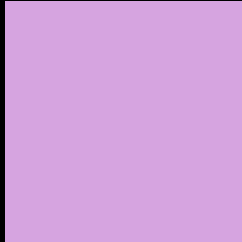
Large Text (above 18pt) WCAG AA × Fail

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 54.4616, 46.2289, 76.5736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

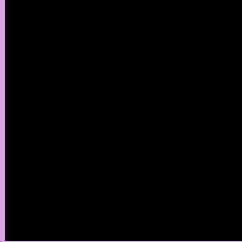
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4616, 46.2289, 76.5736

Background



This preview shows how black text looks on a background with the XYZ color 54.4616, 46.2289, 76.5736.



This preview shows how white text looks on a background with the XYZ color 54.4616, 46.2289,

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

54.4616, 46.2289, 76.5736

Protanopia

47.0518, 46.4538, 85.0839

Deuteranopia

47.3637, 46.2484, 74.8371



Tritanopia

49.3323, 46.0385, 52.1852

Trichromacy



Original Color

54.4616, 46.2289, 76.5736

Protanomaly

49.3270, 46.2320, 81.9252

Deuteranomaly

49.6756, 45.9854, 75.3651

Tritanomaly

50.8898, 45.8304, 60.1968

Monochromacy



Original Color

54.4616, 46.2289, 76.5736

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.1107, 47.7467, 61.2712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4616, 46.2289, 76.5736 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(214, 164, 224)` looks like.

```
.text, #text, p{  
    color:rgb(214, 164, 224)  
}
```

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(214, 164, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 164, 224) }
```

Border

The CSS property to change the border of an element to XYZ 54.4616, 46.2289, 76.5736 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(214, 164, 224) }
```


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

```
.border{ border-color:rgb(214, 164, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 164, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 164, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 164, 224);  
box-shadow:4px 4px 4px 4px rgb(214, 164,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4616, 46.2289, 76.5736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 164, 224) }
```

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

```
.background{ background-color: rgb(214,  
164, 224) }
```

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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