

Converting Colors

XYZ(54.1894, 46.6191, 66.9502)

Have a look what the booklet for
XYZ(54.1894, 46.6191, 66.9502)
contains.

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Color

**XYZ(54.3014, 46.6235,
67.1100)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA5D2
RGB	219, 165, 210
RGB Percent	86%, 65%, 82%
CMY	0.1412, 0.3529, 0.1765
CMYK	0.00, 0.25, 0.04, 0.14
HSL	310°, 43%, 75%
HSV	310°, 25%, 86%
XYZ	54.3014, 46.6235, 67.1100
YIQ	186.2760, 17.7390, 25.4430

Conversions

Conversions Part 2

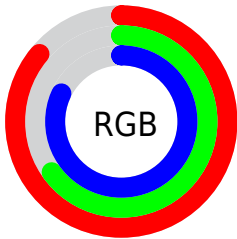
Format	Color
R_{YB}	219, 165, 210
Decimal	14394834
CIE _{Lab}	73.95, 27.18, -15.12
CIE _{LCh}	74, 31.100, 330.907
Yxy	46.6235, 0.3232, 0.2775
Android (android.graphics.Color)	4292584914 (0xFFDBA5D2)
YUV	186.2760, 11.6959, 28.6989
Hunter-Lab	68.2814, 22.4613, -10.4759

Details

The XYZ color **54.3014, 46.6235, 67.1100** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.4904, 61.7197, 49.4045**, and the grayscale version is **46.7575, 49.1926, 53.5707**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **26.9258, 21.9633, 33.8306** is the 20% darker color. If you saturate the color by 10%, you get **50.2352, 39.2100, 63.5367**, and if you desaturate by 10%, it is **59.0571, 55.3979, 70.9654**.

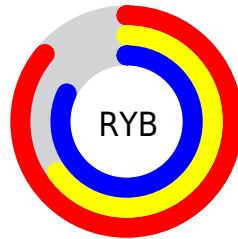
Distribution



Red (86%)

Green (65%)

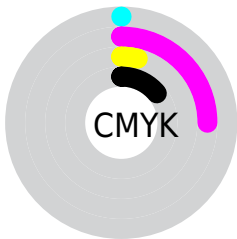
Blue (82%)



Red (86%)

Yellow (65%)

Blue (82%)

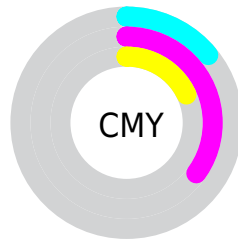


Cyan (0%)

Magenta (25%)

Yellow (4%)

Black (14%)



Cyan (14%)


Magenta (35%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3014, 46.6235, 67.1100 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 54.3014, 46.6235, 67.1100 by changing the saturation by 10% instead.


 54.3014, 46.6235,
67.1100


 54.3014, 46.6235,
67.1100


393.4379,
373.3097, 468.8484

 39.0743, 32.7381,
48.7119

 95.6709, 85.1514,
116.7202

 26.9985, 21.9259,
34.0270


 122.5441,
110.5626, 148.7693

 17.7087, 13.8025,
22.6368


154.0300,
140.5846, 186.2058

 10.8395, 7.9834,
14.1228

190.4940,
175.6018, 229.4482

 6.0255, 4.0843,
8.0664

232.3014,
215.9985, 278.9152

 2.9014, 1.7208,
4.0491

279.8176,

 1.1018, 0.4371,

262.1591, 335.0252

1.6523

333.4080,
314.4680, 398.1967

■ 0.0267, 0.0000,
0.3277

■ 0.0000, 0.0000,
0.0000

■ 54.3014, 46.6235,
67.1100

■ 54.3014, 46.6235,
67.1100

■ 50.2352, 39.2100,
63.5367

■ 59.0571, 55.3979,
70.9654

■ 46.8199, 33.0824,
60.2307

■ 64.5302, 65.5912,
75.1108

■ 44.0191, 28.1676,
57.1801

■ 70.7521, 77.2652,
79.5578

■ 41.7916, 24.3830,
54.3707

■ 77.7511, 90.4766,
84.3159

40.0907, 21.6355,
51.7867

79.0125, 92.1957,
87.2140

38.8623, 19.8169,
49.4096

79.5255, 92.4009,
89.9155

38.0405, 18.7956,
47.2173

80.0493, 92.6105,
92.6737

37.7088, 18.4583,
46.1014

80.5839, 92.8243,
95.4890

81.1294, 93.0425,
98.3616

Harmonies

Analogous

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



50.0207, 46.6235, 81.7369



54.3014, 46.6235, 67.1100



55.8551, 46.6235, 50.2830

Triad

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



54.3014, 46.6235, 67.1100



44.1456, 46.6235, 25.9415



35.7797, 46.6235, 68.1241

Complementary

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



54.3014, 46.6235, 67.1100



48.4904, 61.7197, 49.4045

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.



34.4838, 46.6235, 51.2502



54.3014, 46.6235, 67.1100



39.0592, 46.6235, 28.8109

Square

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



54.3014, 46.6235, 67.1100



49.7043, 46.6235, 28.4806



35.6335, 46.6235, 37.3161



39.3287, 46.6235, 82.4031

Rectangle

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



54.3014, 46.6235, 67.1100



55.0414, 46.6235, 40.6275



35.6335, 46.6235, 37.3161



35.0801, 46.6235, 62.4626

Sweetspot

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



54.3028, 46.6256, 67.1110



89.1422, 88.9451, 104.5858



43.6989, 41.0258, 72.6342



18.9763, 18.8443, 22.3082



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.



54.3028, 46.6256, 67.1110



73.3245, 59.7259, 91.8641



51.2175, 45.3914, 50.8638



13.5163, 13.2356, 15.9802



22.3943, 10.9588, 27.5203



1.4761, 0.7201, 1.9161

Inverse Universe

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



54.3028, 46.6256, 67.1110



73.3245, 59.7259, 91.8641



51.3928, 62.8807, 64.6884



13.5163, 13.2356, 15.9802



22.3943, 10.9588, 27.5203



1.4761, 0.7201, 1.9161

Previews

White Background



This preview shows how the XYZ color 54.3014, 46.6235, 67.1100 looks on a white background.

Color Contrast Check

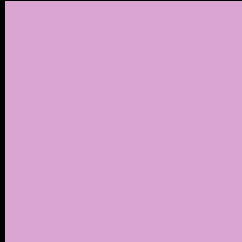
Large Text (above 18pt) WCAG AA × Fail

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 54.3014, 46.6235, 67.1100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

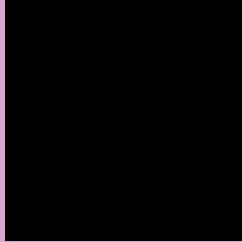
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3014, 46.6235, 67.1100

Background



This preview shows how black text looks on a background with the XYZ color 54.3014, 46.6235, 67.1100.



This preview shows how white text looks on a background with the XYZ color 54.3014, 46.6235,

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

54.3014, 46.6235, 67.1100

Protanopia

46.4731, 46.6941, 74.2736

Deuteranopia

47.8463, 46.6897, 66.1648



Tritanopia

50.9463, 46.6154, 51.1123

Trichromacy



Original Color

54.3014, 46.6235, 67.1100

Protanomaly

48.9598, 46.5650, 71.3732

Deuteranomaly

50.0054, 46.6327, 66.6870

Tritanomaly

51.9472, 46.4544, 56.6808

Monochromacy



Original Color

54.3014, 46.6235, 67.1100

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.0594, 47.7867, 58.2678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3014, 46.6235, 67.1100 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, 165, 210)` looks like.

```
.text, #text, p{  
    color:rgb(219, 165, 210)  
}
```

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, 165, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 165, 210) }
```

Border

The CSS property to change the border of an element to XYZ 54.3014, 46.6235, 67.1100 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, 165, 210) }
```


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

```
.border{ border-color:rgb(219, 165, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 165, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 165, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 165, 210);  
box-shadow:4px 4px 4px 4px rgb(219, 165,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3014, 46.6235, 67.1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 165, 210) }
```

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

```
.background{ background-color: rgb(219,  
165, 210) }
```

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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