

Converting Colors

YUV(115.5830, 46.5476,
50.3547)

Have a look what the booklet for
YUV(115.5830, 46.5476, 50.3547)
contains.

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Color

**YUV(115.5830, 46.5476,
50.3547)**

Conversions

Conversions Part 1

Format	Color
Hex	AD44D2
RGB	173, 68, 210
RGB Percent	68%, 27%, 82%
CMY	0.3216, 0.7333, 0.1765
CMYK	0.18, 0.68, 0.00, 0.18
HSL	284°, 61%, 55%
HSV	284°, 68%, 82%
XYZ	30.9336, 17.6716, 62.7534
YIQ	115.5830, 16.9980, 66.4220

Conversions

Conversions Part 2

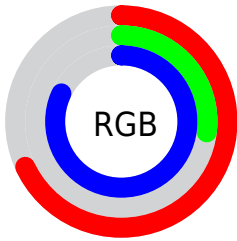
Format	Color
R_{YB}	173, 68, 210
Decimal	11355346
CIE _{Lab}	49.10, 63.34, -54.21
CIE _{LCh}	49, 83.371, 319.445
Yxy	17.6716, 0.2778, 0.1587
Android (android.graphics.Color)	4289545426 (0xFFAD44D2)
YUV	115.5830, 46.5476, 50.3547
Hunter-Lab	42.0376, 57.7841, -59.0812

Details

The YUV color **115.5830, 46.5476, 50.3547** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **162.4170, -46.5476, -50.3547**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.2260, 41.3006, 53.2988**, and **52.3540, 50.6045, 55.8175** is the 20% darker color. If you saturate the color by 10%, you get **101.7610, 53.3618, 58.0916**, and if you desaturate by 10%, it is **129.4050, 39.7333, 42.6178**.

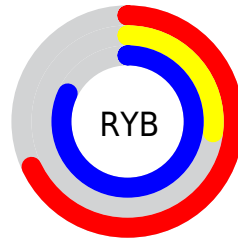
Distribution



Red (68%)

Green (27%)

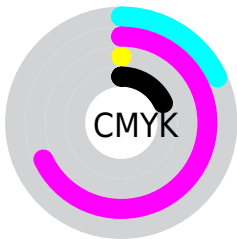
Blue (82%)



Red (68%)

Yellow (27%)

Blue (82%)

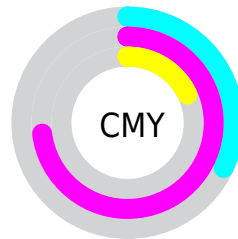


Cyan (18%)

Magenta (68%)

Yellow (0%)

Black (18%)



Cyan (32%)

Magenta (73%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.5830, 46.5476, 50.3547 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 YUV color 115.5830, 46.5476, 50.3547 by changing the saturation by 10% instead.

■ 115.5830, 46.5476,
50.3547

■ 115.5830, 46.5476,
50.3547

255.0000, 0.0000,
0.0000

■ 86.1100, 47.2738,
50.7695

■ 171.2260, 41.3006,
53.2988

■ 52.3540, 50.6045,
55.8175

■ 193.9520, 30.0967,
53.5391

■ 40.9040, 42.9383,
41.3032

■ 210.9750, 21.7043,
38.6099

■ 29.5680, 35.7090,
26.6889

■ 227.4110, 13.6014,
24.1956

■ 19.3570, 28.9110,
13.7189

■ 245.0210, 4.9196,
8.7516

■ 6.0420, 23.1503,
-5.2988

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 115.5830, 46.5476,
50.3547

■ 115.5830, 46.5476,
50.3547

■ 101.7610, 53.3618,
58.0916

■ 129.4050, 39.7333,
42.6178

■ 87.6400, 60.3235,
65.2137

■ 143.5260, 32.7717,
35.4957

■ 73.8180, 67.1377,
72.9506

■ 157.3480, 25.9574,
27.7588

■ 70.2850, 68.8795,
74.2951

■ 171.4690, 18.9958,
20.6367

■ 185.2910, 12.1815,
12.8998

■ 199.4120, 5.2199,
5.7777

■ 213.2340, -1.5944,
-1.9592

■ 227.3550, -8.5560,
-9.0813

■ 240.0030,
-14.7915, -15.7886

Harmonies

Analogous

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



93.2980, 78.2401, -81.8223



115.5830, 46.5476, 50.3547



84.1040, 30.0217, 124.4428

Triad

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



115.5830, 46.5476, 50.3547



110.3720, -54.4134, 46.1548



104.1700, 28.5102, -91.3571

Complementary

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



115.5830, 46.5476, 50.3547



162.4170, -46.5476, -50.3547

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.



94.5600, -3.2341, -82.9291



115.5830, 46.5476, 50.3547



104.1500, -51.3459, -4.5165

Square

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



115.5830, 46.5476, 50.3547



102.1190, -50.3447, 94.6116



81.5930, -40.2253, -71.5571



109.4770, 56.4598, -96.0113

Rectangle

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



115.5830, 46.5476, 50.3547



81.7360, 8.0182, 135.2895



81.5930, -40.2253, -71.5571



100.8470, 18.3164, -88.4428

Sweetspot

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



115.5830, 46.5476, 50.3547



221.1760, 16.6752, 18.2626



106.4940, 51.0285, -33.7592



107.4110, 10.1504, 11.0406



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



115.5830, 46.5476, 50.3547



117.3450, 67.8639, 73.3654



122.8840, 26.6792, 76.4007



97.6460, 3.6255, 3.8185



56.2280, 55.1036, 59.4360



13.6440, 13.4865, 14.3442

Inverse Universe

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



114.6760, -4.7703, 83.5991



116.0490, -6.9262, 121.8600



155.1160, -26.6792, -76.4007



97.6310, -0.3111, 6.4626



55.2480, -5.5453, 98.8835



13.5130, -1.2389, 24.1061

Previews

White Background



This preview shows how the YUV color 115.5830, 46.5476, 50.3547 looks on a white background.

Color Contrast Check

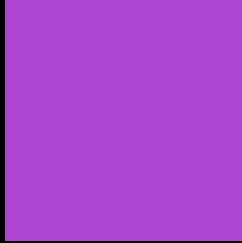
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 115.5830, 46.5476, 50.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

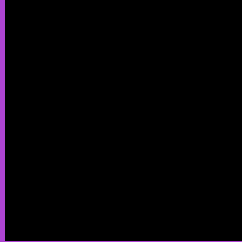
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.5830, 46.5476, 50.3547

Background



This preview shows how black text looks on a background with the YUV color 115.5830, 46.5476, 50.3547.



This preview shows how white text looks on a background with the YUV color 115.5830, 46.5476, 50.3547.

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

115.5830, 46.5476, 50.3547

Protanopia

93.6910, 72.1303, -82.1670

Deuteranopia

108.0270, 45.8357, -48.2587



Tritanopia

118.8410, -5.3446, 34.3424

Trichromacy



Original Color

115.5830, 46.5476, 50.3547



Protanomaly

101.8820, 62.6692, -34.0995



Deuteranomaly

110.9590, 45.8692, -12.2420



Tritanomaly

117.5100, 13.5526, 39.8947

Monochromacy



Original Color

115.5830, 46.5476, 50.3547



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

116.1760, 16.6752, 18.2626

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.5830, 46.5476, 50.3547 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(173, 68, 210)` looks like.

```
.text, #text, p{  
    color:rgb(173, 68, 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(173, 68, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 68, 210) }
```

Border

The CSS property to change the border of an element to YUV 115.5830, 46.5476, 50.3547 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(173, 68, 210) }
```


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

```
.border{ border-color:rgb(173, 68, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 68, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 68, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 68, 210);  
box-shadow:4px 4px 4px 4px rgb(173, 68,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 115.5830, 46.5476, 50.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 68, 210) }
```

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

```
.background{ background-color: rgb(173, 68,  
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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