

Converting Colors

YUV(146.1470, 27.5355,
34.9511)

Have a look what the booklet for
YUV(146.1470, 27.5355, 34.9511)
contains.

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Color

**YUV(146.1470, 27.5355,
34.9511)**

Conversions

Conversions Part 1

Format	Color
Hex	BA73CA
RGB	186, 115, 202
RGB Percent	73%, 45%, 79%
CMY	0.2706, 0.5490, 0.2078
CMYK	0.08, 0.43, 0.00, 0.21
HSL	289°, 45%, 62%
HSV	289°, 43%, 79%
XYZ	37.0411, 26.9648, 59.1296
YIQ	146.1470, 14.3890, 42.1090

Conversions

Conversions Part 2

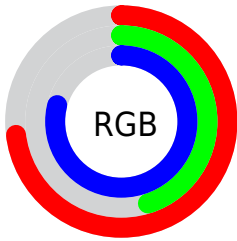
Format	Color
RYB	186, 115, 202
Decimal	12219338
CIELab	58.94, 42.19, -33.96
CIELCh	59, 54.163, 321.169
Yxy	26.9648, 0.3008, 0.2190
Android (android.graphics.Color)	4290409418 (0xFFBA73CA)
YUV	146.1470, 27.5355, 34.9511
Hunter-Lab	51.9277, 36.4544, -31.1636

Details

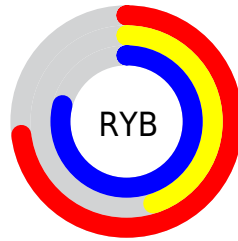
The YUV color **146.1470, 27.5355, 34.9511** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **170.8530, -27.5355, -34.9511**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.9300, 26.6565, 36.8954**, and **93.6090, 26.8148, 32.7919** is the 20% darker color. If you saturate the color by 10%, you get **133.2110, 33.9130, 42.7880**, and if you desaturate by 10%, it is **159.0830, 21.1581, 27.1142**.

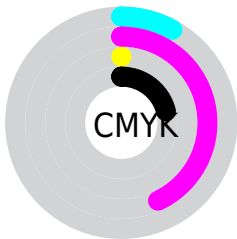
Distribution



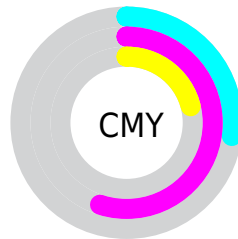
- Red (73%)
- Green (45%)
- Blue (79%)



- Red (73%)
- Yellow (45%)
- Blue (79%)



- Cyan (8%)
- Magenta (43%)
- Yellow (0%)
- Black (21%)



- Cyan (27%)
- Magenta (55%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.1470, 27.5355, 34.9511 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 146.1470, 27.5355, 34.9511 by changing the saturation by 10% instead.

■ 146.1470, 27.5355,
34.9511

■ 146.1470, 27.5355,
34.9511

255.0000, 0.0000,
0.0000

■ 119.3210, 26.9567,
33.9215

■ 200.9300, 26.6565,
36.8954

■ 93.6090, 26.8148,
32.7919

■ 220.3670, 17.0741,
30.3731

■ 68.0820, 26.0886,
32.3771

■ 237.3900, 8.6817,
15.4440

■ 40.4350, 27.3935,
33.8215

254.4130, 0.2894,
0.5148

■ 24.3540, 23.4895,
25.9995

■ 15.4530, 16.5387,
15.3887

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 146.1470, 27.5355,
34.9511

■ 146.1470, 27.5355,
34.9511

■ 133.2110, 33.9130,
42.7880

■ 159.0830, 21.1581,
27.1142

■ 120.5740, 40.1430,
51.2396

■ 171.7200, 14.9280,
18.6626

■ 107.0510, 46.8099,
59.5913

■ 185.2430, 8.2612,
10.3109

■ 94.1150, 53.1873,
67.4281

■ 198.1790, 1.8838,
2.4740

■ 81.1790, 59.5648,
75.2650

■ 211.1150, -4.4937,
-5.3629

72.3630, 63.9110,
81.2426

223.7520,
-10.7237, -13.8145

236.1010,
-16.8118, -21.1366

237.2970,
-17.4014, -18.6775

238.1940,
-17.8436, -16.8331

Harmonies

Analogous

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



140.8610, 44.4385, -20.0491



146.1470, 27.5355, 34.9511



142.7910, 7.4980, 68.5893

Triad

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



146.1470, 27.5355, 34.9511



136.9670, -46.8187, 36.8629



116.8050, 28.6901, -102.4380

Complementary

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



146.1470, 27.5355, 34.9511



170.8530, -27.5355, -34.9511

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.



110.6320, 7.5764, -97.0243



146.1470, 27.5355, 34.9511



133.0720, -42.9265, 1.6909

Square

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



146.1470, 27.5355, 34.9511



139.3460, -34.6806, 63.7176



125.0630, -22.7091, -43.0283



119.0170, 47.3196, -104.3779

Rectangle

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



146.1470, 27.5355, 34.9511



140.3610, -7.0800, 77.7364



125.0630, -22.7091, -43.0283



114.9810, 21.7014, -100.8383

Sweetspot

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



146.1470, 27.5355, 34.9511



233.8350, 10.4343, 13.2997



134.8970, 33.0818, -17.4497



114.4770, 6.6668, 8.3517



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.



146.1470, 27.5355, 34.9511



169.7530, 42.0268, 53.7136



147.9670, 13.8203, 47.3869



95.5320, 3.1887, 3.9184



59.2890, 52.6085, 66.3985



13.6010, 12.0287, 15.2589

Inverse Universe

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



142.8370, -5.8356, 51.8860



164.6170, -8.6852, 79.2659



169.0330, -13.8203, -47.3869



95.2180, -0.6005, 5.9478



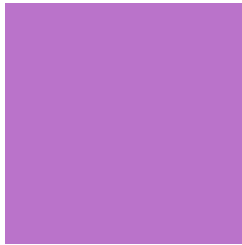
53.0540, -11.3656, 99.0536



12.1600, -2.5439, 22.6617

Previews

White Background



This preview shows how the YUV color 146.1470, 27.5355, 34.9511 looks on a white background.

Color Contrast Check

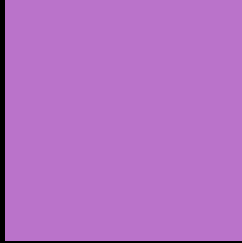
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 146.1470, 27.5355, 34.9511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

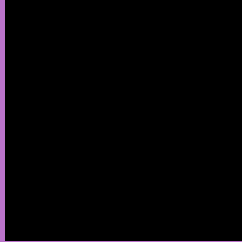
Any Text WCAG AA ✓ Pass

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 146.1470, 27.5355, 34.9511 Background



This preview shows how black text looks on a background with the YUV color 146.1470, 27.5355, 34.9511.



This preview shows how white text looks on a background with the YUV color 146.1470, 27.5355, 34.9511.

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

146.1470, 27.5355, 34.9511

Protanopia

140.3890, 40.2342, -24.8972

Deuteranopia

141.7140, 27.2560, -15.5352



Tritanopia

144.4920, -2.7076, 28.5095

Trichromacy



Original Color

146.1470, 27.5355, 34.9511

Protanomaly

142.3810, 35.8012, -2.9651

Deuteranomaly

143.5360, 27.3438, 3.0379

Tritanomaly

145.0760, 8.3435, 30.6283

Monochromacy



Original Color

146.1470, 27.5355, 34.9511

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.3080, 9.7082, 12.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.1470, 27.5355, 34.9511 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(186, 115, 202)` looks like.

```
.text, #text, p{  
    color:rgb(186, 115, 202)  
}
```

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(186, 115, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 115, 202) }
```

Border

The CSS property to change the border of an element to YUV 146.1470, 27.5355, 34.9511 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(186, 115, 202) }
```


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

```
.border{ border-color:rgb(186, 115, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 115, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 115, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 115, 202);  
box-shadow:4px 4px 4px 4px rgb(186, 115,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 146.1470, 27.5355, 34.9511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 115, 202) }
```

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

```
.background{ background-color: rgb(186,  
115, 202) }
```

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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