

Converting Colors

YUV(135.7190, 6.5475, 46.7274)

Have a look what the booklet for
YUV(135.7190, 6.5475, 46.7274)
contains.

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Color

**YUV(135.7190, 6.5475,
46.7274)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6A95
RGB	189, 106, 149
RGB Percent	74%, 42%, 58%
CMY	0.2588, 0.5843, 0.4157
CMYK	0.00, 0.44, 0.21, 0.26
HSL	329°, 39%, 58%
HSV	329°, 44%, 74%
XYZ	31.5651, 23.2968, 31.2668
YIQ	135.7190, 35.6650, 30.9690

Conversions

Conversions Part 2

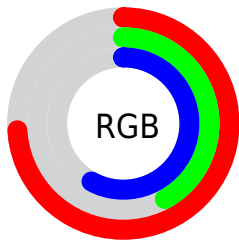
Format	Color
R_{YB}	189, 106, 149
Decimal	12413589
CIE _{Lab}	55.38, 38.59, -8.89
CIE _{LCh}	55, 39.604, 347.035
Yxy	23.2968, 0.3665, 0.2705
Android (android.graphics.Color)	4290603669 (0xFFBD6A95)
YUV	135.7190, 6.5475, 46.7274
Hunter-Lab	48.2668, 32.2671, -4.6209

Details

The YUV color **135.7190, 6.5475, 46.7274** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **159.2810, -6.5475, -46.7274**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.3280, 6.2473, 49.7013**, and **83.5230, 7.1372, 44.2683** is the 20% darker color. If you saturate the color by 10%, you get **123.5400, 8.1148, 57.4084**, and if you desaturate by 10%, it is **147.8980, 4.9803, 36.0465**.

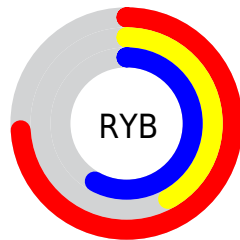
Distribution



Red (74%)

Green (42%)

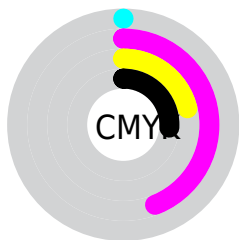
Blue (58%)



Red (74%)

Yellow (42%)

Blue (58%)

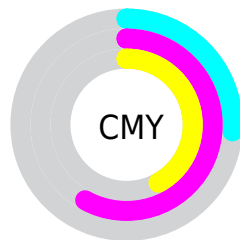


Cyan (0%)

Magenta (44%)

Yellow (21%)

Black (26%)



Cyan (26%)


Magenta (58%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 135.7190, 6.5475, 46.7274 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 135.7190, 6.5475, 46.7274 by changing the saturation by 10% instead.


 135.7190, 6.5475,
46.7274


 135.7190, 6.5475,
46.7274

255.0000, 0.0000,
0.0000


 109.1210, 6.8423,
45.4979


 190.3280, 6.2473,
49.7013

 83.5230, 7.1372,
44.2683


 212.3480, 9.1954,
37.4058


 58.0390, 7.8688,
42.9388

 231.5200, 11.5756,
20.5920

 30.1470, 10.7735,
44.5981

 248.5430, 3.1833,
5.6628

 20.2780, 5.2859,
31.3282

 9.9100, -3.4066,
19.3729

 0.0000, 0.0000,

0.0000

■ 135.7190, 6.5475,
46.7274

■ 135.7190, 6.5475,
46.7274

■ 123.5400, 8.1148,
57.4084

■ 147.8980, 4.9803,
36.0465

■ 111.3610, 9.6820,
68.0894

■ 160.0770, 3.4130,
25.3655

■ 99.1820, 11.2493,
78.7704

■ 172.2560, 1.8458,
14.6845

■ 87.0030, 12.8165,
89.4514

■ 184.4350, 0.2785,
4.0035

■ 75.2970, 13.6576,
99.7175

■ 196.7280, -0.8519,
-6.7775

■ 67.6830, 14.9463,
106.3950

■ 208.3200, -2.1298,
-16.9436

■ 220.4990, -3.6970,
-27.6246

■ 231.5040, -4.6855,
-37.2760

■ 232.5300, -0.7543,
-38.1758

Harmonies

Analogous

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



136.4520, 21.4692, 20.6516



135.7190, 6.5475, 46.7274



133.8330, -9.7777, 56.2745

Triad

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



135.7190, 6.5475, 46.7274



127.8950, -31.0072, 5.3541



107.6240, 36.6674, -94.3862

Complementary

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



135.7190, 6.5475, 46.7274



159.2810, -6.5475, -46.7274

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.



105.3780, 22.9846, -92.4165



135.7190, 6.5475, 46.7274



123.0960, -19.2743, -24.6402

Square

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



135.7190, 6.5475, 46.7274



130.4190, -32.2516, 31.2045



112.6470, 1.6530, -63.7114



114.1240, 41.8439, -74.6537

Rectangle

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



135.7190, 6.5475, 46.7274



133.1780, -19.8078, 53.3409



112.6470, 1.6530, -63.7114



107.1850, 32.4468, -94.0012

Sweetspot

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



135.7190, 6.5475, 46.7274



224.3920, 2.2717, 18.0732



127.1230, 30.5054, 15.6781



109.8210, 1.5672, 10.6810



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



135.7190, 6.5475, 46.7274



161.5080, 10.1026, 73.2225



131.1590, -10.9244, 50.7266



88.2610, 0.8573, 5.0331



56.5900, 12.5271, 88.9366



11.0930, 2.4192, 17.4584

Inverse Universe

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



135.7190, 6.5475, 46.7274



161.5080, 10.1026, 73.2225



163.8410, 10.9244, -50.7266



88.2610, 0.8573, 5.0331



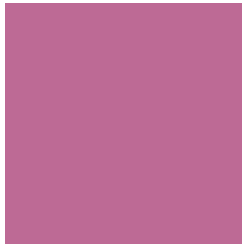
56.5900, 12.5271, 88.9366



11.0930, 2.4192, 17.4584

Previews

White Background



This preview shows how the YUV color 135.7190, 6.5475, 46.7274 looks on a white background.

Color Contrast Check

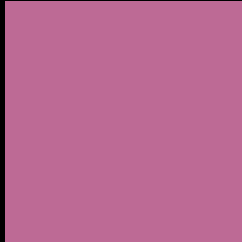
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.7190, 6.5475, 46.7274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

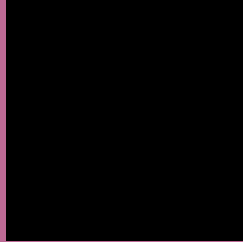
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.7190, 6.5475, 46.7274

Background



This preview shows how black text looks on a background with the YUV color 135.7190, 6.5475, 46.7274.



This preview shows how white text looks on a background with the YUV color 135.7190, 6.5475,

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

135.7190, 6.5475, 46.7274

Protanopia

133.7830, 15.8830, -7.7027

Deuteranopia

134.4120, 5.2199, 5.7777



Tritanopia

135.0380, -7.4137, 44.6937

Trichromacy



Original Color

135.7190, 6.5475, 46.7274

Protanomaly

134.6930, 12.4764, 11.6702

Deuteranomaly

134.9130, 5.4659, 20.2473

Tritanomaly

135.4170, -2.1776, 45.2383

Monochromacy



Original Color

135.7190, 6.5475, 46.7274

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.7940, 2.5666, 16.8437

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.7190, 6.5475, 46.7274 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(189, 106, 149)` looks like.

```
.text, #text, p{  
    color:rgb(189, 106, 149)  
}
```

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(189, 106, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 106, 149) }
```

Border

The CSS property to change the border of an element to YUV 135.7190, 6.5475, 46.7274 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(189, 106, 149) }
```


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

```
.border{ border-color:rgb(189, 106, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 106, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 106, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 106, 149);  
box-shadow:4px 4px 4px 4px rgb(189, 106,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 135.7190, 6.5475, 46.7274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 106, 149) }
```

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

```
.background{ background-color: rgb(189,  
106, 149) }
```

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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