

Converting Colors

YUV(115.2670, -4.5686,
65.5408)

Have a look what the booklet for
YUV(115.2670, -4.5686, 65.5408)
contains.

YUV(115.2670, -4.5686, 65.5408)	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

**YUV(115.2670, -4.5686,
65.5408)**

Conversions

Conversions Part 1

Format	Color
Hex	BE4F6A
RGB	190, 79, 106
RGB Percent	75%, 31%, 42%
CMY	0.2549, 0.6902, 0.5843
CMYK	0.00, 0.58, 0.44, 0.25
HSL	345°, 46%, 53%
HSV	345°, 58%, 75%
XYZ	26.6327, 17.5797, 15.6252
YIQ	115.2670, 57.4890, 31.9290

Conversions

Conversions Part 2

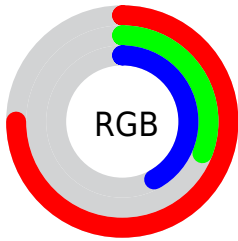
Format	Color
R_{YB}	190, 79, 106
Decimal	12472170
CIE _{Lab}	48.98, 47.09, 7.33
CIE _{LCh}	49, 47.657, 8.847
Yxy	17.5797, 0.4451, 0.2938
Android (android.graphics.Color)	4290662250 (0xFFBE4F6A)
YUV	115.2670, -4.5686, 65.5408
Hunter-Lab	41.9282, 40.0086, 7.2544

Details

The YUV color **115.2670, -4.5686, 65.5408** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **153.7330, 4.5686, -65.5408**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1320, -6.4741, 70.0442**, and **59.1080, -0.0532, 63.9263** is the 20% darker color. If you saturate the color by 10%, you get **102.5180, -5.1854, 76.7217**, and if you desaturate by 10%, it is **128.0160, -3.9519, 54.3600**.

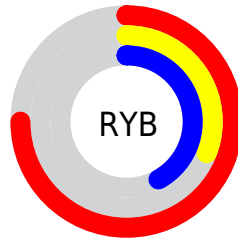
Distribution



Red (75%)

Green (31%)

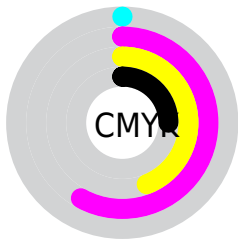
Blue (42%)



Red (75%)

Yellow (31%)

Blue (42%)

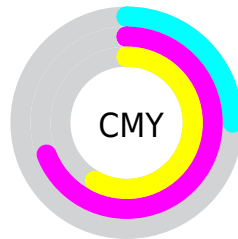


Cyan (0%)

Magenta (58%)

Yellow (44%)

Black (25%)



Cyan (25%)


Magenta (69%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.2670, -4.5686, 65.5408 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 115.2670, -4.5686, 65.5408 by changing the saturation by 10% instead.


 115.2670, -4.5686,
65.5408


 115.2670, -4.5686,
65.5408


255.0000, 0.0000,
0.0000


 88.0110, -2.9634,
64.0114


 170.1320, -6.4741,
70.0442

 59.1080, -0.0532,
63.9263

 191.1410, -3.5205,
56.0043


 35.4280, 1.2680,
60.1376


 210.7690, 0.6069,
38.7906

 24.6620, -3.7774,
45.0234

 230.3970, 4.7343,
21.5768

 15.7760, -6.7916,
31.7684

 249.1300, 2.8939,
5.1480

 0.0000, 0.0000,
0.0000

■ 115.2670, -4.5686,
65.5408

■ 115.2670, -4.5686,
65.5408

■ 102.5180, -5.1854,
76.7217

■ 128.0160, -3.9519,
54.3600

■ 89.6550, -6.2389,
88.0026

■ 140.8790, -2.8983,
43.0791

■ 76.9060, -6.8557,
99.1834

■ 153.6280, -2.2816,
31.8982

■ 64.0430, -7.9092,
110.4643

■ 166.4910, -1.2281,
20.6174

■ 62.0540, -7.9146,
112.2086


■ 179.2400, -0.6113,
9.4365

■ 191.9890, 0.0054,
-1.7444

■ 204.8520, 1.0590,
-13.0252

■ 217.6010, 1.6757,

-24.2061

 230.3500, 2.2925,
-35.3869

Harmonies

Analogous

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



118.5650, 13.5255, 48.6165



115.2670, -4.5686, 65.5408



114.4240, -22.8870, 61.0182

Triad

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



115.2670, -4.5686, 65.5408



105.5390, -27.8737, -19.7667



96.9100, 46.3864, -84.9901

Complementary

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



115.2670, -4.5686, 65.5408



153.7330, 4.5686, -65.5408

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.



97.5820, 33.7301, -85.5794



115.2670, -4.5686, 65.5408



88.4620, -1.2138, -77.5812

Square

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



115.2670, -4.5686, 65.5408



110.5450, -40.2017, 14.4310



94.4240, 16.5530, -82.8098



108.0660, 43.3515, -44.7849

Rectangle

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



115.2670, -4.5686, 65.5408



113.7140, -32.8900, 49.3628



94.4240, 16.5530, -82.8098



97.9870, 42.8974, -85.9346

Sweetspot

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



115.2670, -4.5686, 65.5408



217.4100, -1.6811, 25.9504



116.4710, 36.2498, 39.9289



106.1700, -1.0698, 16.5139



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



115.2670, -4.5686, 65.5408



130.5150, -7.1559, 102.1573



128.6250, -24.4651, 53.8259



87.9190, -0.4531, 5.3330



51.5740, -6.6920, 93.3356



10.0670, -1.5120, 18.3582

Inverse Universe

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



115.2670, -4.5686, 65.5408



130.5150, -7.1559, 102.1573



140.3750, 24.4651, -53.8259



87.9190, -0.4531, 5.3330



51.5740, -6.6920, 93.3356



10.0670, -1.5120, 18.3582

Previews

White Background



This preview shows how the YUV color 115.2670, -4.5686, 65.5408 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 115.2670, -4.5686, 65.5408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

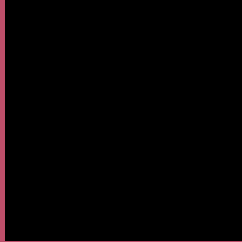
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.2670, -4.5686, 65.5408

Background



This preview shows how black text looks on a background with the YUV color 115.2670, -4.5686, 65.5408.



This preview shows how white text looks on a background with the YUV color 115.2670, -4.5686,

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

115.2670, -4.5686, 65.5408

Protanopia

117.2540, 4.8048, -1.0998

Deuteranopia

117.9110, -8.3371, 14.1101



Tritanopia

114.6770, -13.1518, 65.1813

Trichromacy



Original Color

115.2670, -4.5686, 65.5408

Protanomaly

116.7840, 1.0925, 22.9914

Deuteranomaly

117.0750, -6.9390, 32.3832

Tritanomaly

114.8880, -9.8048, 64.9962

Monochromacy



Original Color

115.2670, -4.5686, 65.5408

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.1000, -1.5283, 23.5913

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.2670, -4.5686, 65.5408 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(190, 79, 106)` looks like.

```
.text, #text, p{  
    color:rgb(190, 79, 106)  
}
```

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(190, 79, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 79, 106) }
```

Border

The CSS property to change the border of an element to YUV 115.2670, -4.5686, 65.5408 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(190, 79, 106) }
```


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

```
.border{ border-color:rgb(190, 79, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 79, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 79, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 79, 106); box-shadow:4px 4px 4px 4px rgb(190, 79, 106) }
```

Background

The CSS property to change the background color of an element to YUV 115.2670, -4.5686, 65.5408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 79, 106) }
```

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

```
.background{ background-color: rgb(190, 79,  
106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor