

Converting Colors

YUV(84.9480, 15.8016, 18.4626)

Have a look what the booklet for
YUV(84.9480, 15.8016, 18.4626)
contains.

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Color

**YUV(84.9480, 15.8016,
18.4626)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4475
RGB	106, 68, 117
RGB Percent	42%, 27%, 46%
CMY	0.5843, 0.7333, 0.5412
CMYK	0.09, 0.42, 0.00, 0.54
HSL	287°, 26%, 36%
HSV	287°, 42%, 46%
XYZ	11.2219, 8.4828, 17.8755
YIQ	84.9480, 6.9190, 23.2950

Conversions

Conversions Part 2

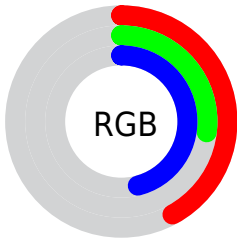
Format	Color
R_{YB}	106, 68, 117
Decimal	6964341
CIE _{Lab}	34.97, 25.60, -21.64
CIE _{LCh}	35, 33.515, 319.794
Yxy	8.4828, 0.2986, 0.2257
Android (android.graphics.Color)	4285154421 (0xFF6A4475)
YUV	84.9480, 15.8016, 18.4626
Hunter-Lab	29.1252, 17.8065, -16.0014

Details

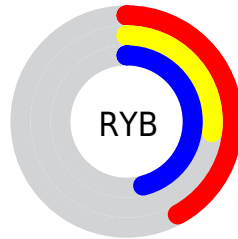
The YUV color **84.9480, 15.8016, 18.4626** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **100.0520, -15.8016, -18.4626**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.1870, 16.6698, 20.0070**, and **38.2960, 14.6441, 16.4034** is the 20% darker color. If you saturate the color by 10%, you get **77.0070, 19.7165, 22.7959**, and if you desaturate by 10%, it is **92.8890, 11.8867, 14.1293**.

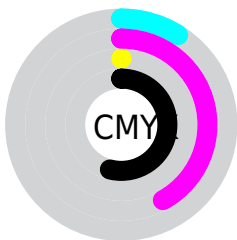
Distribution



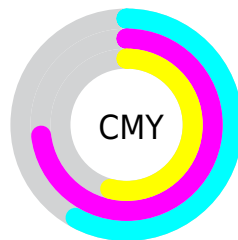
- Red (42%)
- Green (27%)
- Blue (46%)



- Red (42%)
- Yellow (27%)
- Blue (46%)



- Cyan (9%)
- Magenta (42%)
- Yellow (0%)
- Black (54%)



- Cyan (58%)
- Magenta (73%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.9480, 15.8016, 18.4626 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 84.9480, 15.8016, 18.4626 by changing the saturation by 10% instead.

84.9480, 15.8016,
18.4626

84.9480, 15.8016,
18.4626

255.0000, 0.0000,
0.0000

61.1220, 15.2229,
17.4330

135.1870, 16.6698,
20.0070

38.2960, 14.6441,
16.4034

161.7140, 17.3960,
20.4218

15.7090, 14.9335,
16.9182

189.1270, 17.6854,
20.9366

2.8500, 10.9200,
-2.4994

216.8390, 17.8274,
22.0662

0.0000, 0.0000,
0.0000

237.3900, 8.6817,
15.4440

254.4130, 0.2894,

0.5148

■ 84.9480, 15.8016,
18.4626

■ 84.9480, 15.8016,
18.4626

■ 77.0070, 19.7165,
22.7959

■ 92.8890, 11.8867,
14.1293

■ 69.9520, 23.1947,
27.2291

■ 99.9440, 8.4086,
9.6961

■ 62.0110, 27.1096,
31.5624

■ 107.8850, 4.4937,
5.3629

■ 54.0700, 31.0245,
35.8956

■ 115.8260, 0.5788,
1.0296

■ 47.0150, 34.5026,
40.3288

■ 123.4680, -3.1887,
-3.9184

■ 40.5470, 37.6913,
44.2473

■ 130.8220, -6.8142,
-7.7369

■ 138.4640,
-10.5818, -12.6849

■ 146.4050,
-14.4967, -17.0182

■ 153.7590,
-18.1222, -20.8366

Harmonies

Analogous

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



81.8670, 25.2086, -12.1614



84.9480, 15.8016, 18.4626



83.7950, 4.5381, 37.8908

Triad

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



84.9480, 15.8016, 18.4626



80.3730, -25.8199, 21.5979



67.0510, 15.7509, -58.8037

Complementary

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



84.9480, 15.8016, 18.4626



100.0520, -15.8016, -18.4626

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.



63.9730, 3.9573, -56.1043



84.9480, 15.8016, 18.4626



77.7080, -24.0130, 2.0101

Square

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



84.9480, 15.8016, 18.4626



80.8940, -19.1747, 36.9270



73.6000, -13.6068, -22.4512



68.4990, 26.3760, -60.0736

Rectangle

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



84.9480, 15.8016, 18.4626



82.5370, -4.2087, 43.3791



73.6000, -13.6068, -22.4512



66.6120, 11.5303, -58.4187

Sweetspot

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



84.9480, 15.8016, 18.4626



140.0640, 6.3774, 7.8369



80.0430, 18.2198, -10.5617



68.4720, 4.2043, 4.8481



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



84.9480, 15.8016, 18.4626



103.3050, 24.4996, 28.6735



86.7550, 8.5018, 26.5249



54.8800, 2.0312, 1.8592



42.3130, 39.2857, 46.2065



86.5060, 80.6025, 94.2722

Inverse Universe

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



83.9050, -2.4182, 29.0243



101.6620, -3.7774, 45.0234



98.2450, -8.5018, -26.5249



54.9080, -0.4476, 3.5887



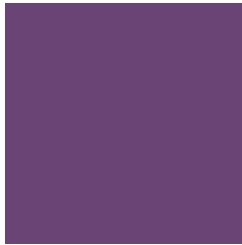
39.5560, -6.1901, 72.3034



81.1340, -12.3911, 148.0955

Previews

White Background



This preview shows how the YUV color 84.9480, 15.8016, 18.4626 looks on a white background.

Color Contrast Check

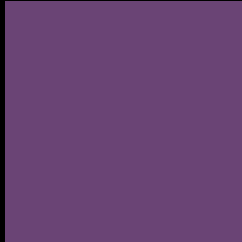
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 84.9480, 15.8016, 18.4626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

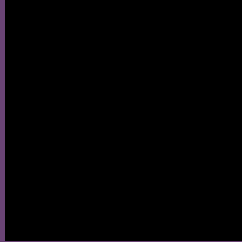
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.9480, 15.8016, 18.4626

Background



This preview shows how black text looks on a background with the YUV color 84.9480, 15.8016, 18.4626.



This preview shows how white text looks on a background with the YUV color 84.9480, 15.8016,

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

84.9480, 15.8016, 18.4626

Protanopia

81.8730, 22.7406, -13.9206

Deuteranopia

82.6580, 15.4516, -9.3471



Tritanopia

84.1590, -1.0644, 14.7696

Trichromacy



Original Color

84.9480, 15.8016, 18.4626

Protanomaly

82.9670, 20.2293, -1.7251

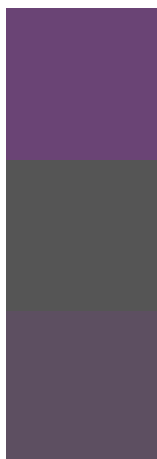
Deuteranomaly

83.4250, 15.5665, 0.5043

Tritanomaly

84.4780, 5.1873, 16.2438

Monochromacy



Original Color

84.9480, 15.8016, 18.4626

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.2380, 5.7987, 6.8073

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9480, 15.8016, 18.4626 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(106, 68, 117)` looks like.

```
.text, #text, p{  
    color:rgb(106, 68, 117)  
}
```

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(106, 68, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 68, 117) }
```

Border

The CSS property to change the border of an element to YUV 84.9480, 15.8016, 18.4626 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(106, 68, 117) }
```


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

```
.border{ border-color:rgb(106, 68, 117) }
```

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

Here you see how a box with a 4 pixel rgb(106, 68, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 68, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 68, 117);  
box-shadow:4px 4px 4px 4px rgb(106, 68,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 84.9480, 15.8016, 18.4626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 68, 117) }
```

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

```
.background{ background-color: rgb(106, 68,  
117) }
```

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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