

Converting Colors

YUV(85.4100, 15.0809, 16.3034)

Have a look what the booklet for
YUV(85.4100, 15.0809, 16.3034)
contains.

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Color

**YUV(85.4100, 15.0809,
16.3034)**

Conversions

Conversions Part 1

Format	Color
Hex	684674
RGB	104, 70, 116
RGB Percent	41%, 27%, 45%
CMY	0.5922, 0.7255, 0.5451
CMYK	0.10, 0.40, 0.00, 0.55
HSL	284°, 25%, 36%
HSV	284°, 40%, 45%
XYZ	11.0515, 8.5843, 17.5975
YIQ	85.4100, 5.4980, 21.5140

Conversions

Conversions Part 2

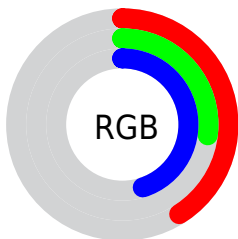
Format	Color
R_{YB}	104, 70, 116
Decimal	6833780
CIE _{Lab}	35.17, 23.48, -20.72
CIE _{LCh}	35, 31.308, 318.574
Yxy	8.5843, 0.2968, 0.2306
Android (android.graphics.Color)	4285023860 (0xFF684674)
YUV	85.4100, 15.0809, 16.3034
Hunter-Lab	29.2990, 16.0561, -15.1012

Details

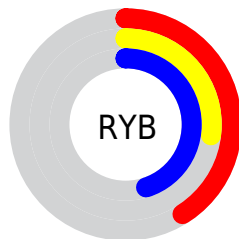
The YUV color **85.4100, 15.0809, 16.3034** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **100.5900, -15.0809, -16.3034**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6490, 15.9490, 17.8478**, and **39.1710, 14.2127, 14.7590** is the 20% darker color. If you saturate the color by 10%, you get **77.4690, 18.9958, 20.6367**, and if you desaturate by 10%, it is **93.3510, 11.1660, 11.9702**.

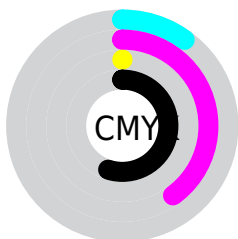
Distribution



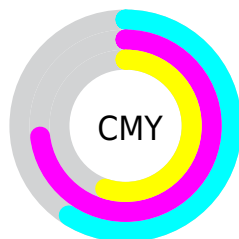
- Red (41%)
- Green (27%)
- Blue (45%)



- Red (41%)
- Yellow (27%)
- Blue (45%)



- Cyan (10%)
- Magenta (40%)
- Yellow (0%)
- Black (55%)



- Cyan (59%)
- Magenta (73%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4100, 15.0809, 16.3034 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 85.4100, 15.0809, 16.3034 by changing the saturation by 10% instead.

85.4100, 15.0809,
16.3034

85.4100, 15.0809,
16.3034

255.0000, 0.0000,
0.0000

61.5840, 14.5021,
15.2738

135.6490, 15.9490,
17.8478

39.1710, 14.2127,
14.7590

162.0620, 16.2384,
18.3626

16.4700, 14.0653,
15.3738

189.4750, 16.5278,
18.8774

2.7360, 10.4832,
-2.3995

217.3010, 17.1066,
19.9070

0.0000, 0.0000,
0.0000

238.5640, 8.1029,
14.4144

85.4100, 15.0809,
16.3034

85.4100, 15.0809,
16.3034

77.4690, 18.9958,
20.6367

93.3510, 11.1660,
11.9702

70.1150, 22.6213,
24.4551

100.7050, 7.5404,
8.1517

62.1740, 26.5362,
28.7884

108.6460, 3.6255,
3.8185

54.8200, 30.1617,
32.6069

116.0000, 0.0000,
0.0000

46.8790, 34.0767,
36.9401

123.9410, -3.9149,
-4.3333


38.9380, 37.9916,
41.2734

131.8820, -7.8298,
-8.6665

139.2360,
-11.4553, -12.4850

147.1770,

-15.3703, -16.8182

 154.5310,
-18.9958, -20.6367

Harmonies

Analogous

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



82.4110, 23.4614, -11.7614



85.4100, 15.0809, 16.3034



84.0720, 4.4015, 35.0169

Triad

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



85.4100, 15.0809, 16.3034



80.9430, -23.6359, 21.0980



66.9370, 15.3141, -58.7037

Complementary

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



85.4100, 15.0809, 16.3034



100.5900, -15.0809, -16.3034

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



85.4100, 15.0809, 16.3034



78.7620, -22.5607, 2.8397

Square

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



85.4100, 15.0809, 16.3034



82.2250, -17.8589, 34.8827



75.3230, -13.4702, -19.5773



68.2710, 25.5024, -59.8737

Rectangle

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



85.4100, 15.0809, 16.3034



83.0420, -3.4717, 40.3052



75.3230, -13.4702, -19.5773



65.9110, 11.3829, -57.8039

Sweetspot

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



85.4100, 15.0809, 16.3034



138.2380, 5.7987, 6.8073



82.2880, 16.6200, -10.7766



69.6460, 3.6255, 3.8185



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.



85.4100, 15.0809, 16.3034



102.3540, 23.4895, 25.9995



87.7440, 8.5072, 24.7805



54.8800, 2.0312, 1.8592



40.8180, 40.0227, 43.1326



83.8150, 81.9292, 88.7392

Inverse Universe

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



85.1220, -1.5391, 27.0800



101.6940, -2.3141, 42.3644



98.2560, -8.5072, -24.7805



54.9080, -0.4476, 3.5887



40.1260, -4.0061, 71.8035



82.1600, -8.4599, 147.1957

Previews

White Background



This preview shows how the YUV color 85.4100, 15.0809, 16.3034 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 85.4100, 15.0809, 16.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

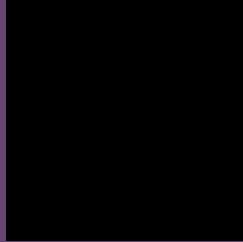
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.4100, 15.0809, 16.3034

Background



This preview shows how black text looks on a background with the YUV color 85.4100, 15.0809, 16.3034.



This preview shows how white text looks on a background with the YUV color 85.4100, 15.0809,

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

85.4100, 15.0809, 16.3034

Protanopia

82.7160, 20.8460, -12.9059

Deuteranopia

83.2560, 15.1568, -8.1175



Tritanopia

84.2620, -0.6222, 12.9252

Trichromacy



Original Color

85.4100, 15.0809, 16.3034

Protanomaly

83.9130, 18.7769, -2.5547

Deuteranomaly

84.3110, 15.1297, 0.6043

Tritanomaly

84.4670, 5.1928, 14.4994

Monochromacy



Original Color

85.4100, 15.0809, 16.3034

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.4120, 5.2199, 5.7777

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4100, 15.0809, 16.3034 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(104, 70, 116)` looks like.

```
.text, #text, p{  
    color:rgb(104, 70, 116)  
}
```

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(104, 70, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 70, 116) }
```

Border

The CSS property to change the border of an element to YUV 85.4100, 15.0809, 16.3034 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(104, 70, 116) }
```


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

```
.border{ border-color:rgb(104, 70, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 70, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 70, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 70, 116);  
box-shadow:4px 4px 4px 4px rgb(104, 70,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 85.4100, 15.0809, 16.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 70, 116) }
```

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

```
.background{ background-color: rgb(104, 70,  
116) }
```

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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