

Converting Colors

YUV(85.3050, 21.0486, 15.5185)

Have a look what the booklet for
YUV(85.3050, 21.0486, 15.5185)
contains.

YUV(85.3050, 21.0486, 15.5185)	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(85.3050, 21.0486,
15.5185)**

Conversions

Conversions Part 1

Format	Color
Hex	674480
RGB	103, 68, 128
RGB Percent	40%, 27%, 50%
CMY	0.5961, 0.7333, 0.4980
CMYK	0.20, 0.47, 0.00, 0.50
HSL	275°, 31%, 38%
HSV	275°, 47%, 50%
XYZ	11.5569, 8.5763, 21.4684
YIQ	85.3050, 1.6000, 26.0800

Conversions

Conversions Part 2

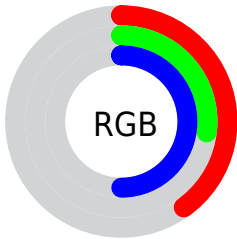
Format	Color
R_{YB}	103, 68, 128
Decimal	6767744
CIE _{Lab}	35.16, 27.21, -28.21
CIE _{LCh}	35, 39.192, 313.968
Yxy	8.5763, 0.2778, 0.2062
Android (android.graphics.Color)	4284957824 (0xFF674480)
YUV	85.3050, 21.0486, 15.5185
Hunter-Lab	29.2854, 19.1923, -22.9642

Details

The YUV color **85.3050, 21.0486, 15.5185** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **110.6950, -21.0486, -15.5185**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6580, 22.3536, 16.9629**, and **38.5390, 19.4543, 13.5593** is the 20% darker color. If you saturate the color by 10%, you get **76.1790, 25.5478, 19.1370**, and if you desaturate by 10%, it is **94.4310, 16.5495, 11.9000**.

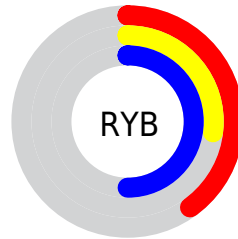
Distribution



Red (40%)

Green (27%)

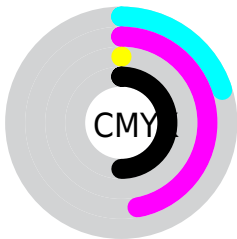
Blue (50%)



Red (40%)

Yellow (27%)

Blue (50%)

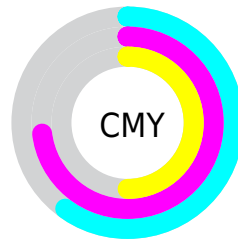


Cyan (20%)

Magenta (47%)

Yellow (0%)

Black (50%)



Cyan (60%)

Magenta (73%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.3050, 21.0486, 15.5185 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 85.3050, 21.0486, 15.5185 by changing the saturation by 10% instead.

85.3050, 21.0486,
15.5185

85.3050, 21.0486,
15.5185

255.0000, 0.0000,
0.0000

61.4790, 20.4699,
14.4889

135.6580, 22.3536,
16.9629

38.5390, 19.4543,
13.5593

162.4840, 22.9324,
17.9925

15.5390, 19.4543,
13.5593

189.8970, 23.2218,
18.5073

3.7620, 14.4143,
-3.2993

216.1700, 19.1432,
20.0219

0.6840, 2.6208,
-0.5999

237.3900, 8.6817,
15.4440

0.0000, 0.0000,
0.0000

254.4130, 0.2894,

0.5148

■ 85.3050, 21.0486,
15.5185

■ 85.3050, 21.0486,
15.5185

■ 76.1790, 25.5478,
19.1370

■ 94.4310, 16.5495,
11.9000

■ 66.7540, 30.1943,
22.1407

■ 103.8560, 11.9030,
8.8963

■ 58.2150, 34.4040,
25.2444

■ 112.3950, 7.6933,
5.7926

■ 49.0890, 38.9031,
28.8629

■ 121.5210, 3.1941,
2.1741

■ 39.6640, 43.5496,
31.8667

■ 130.9460, -1.4524,
-0.8296

■ 37.0170, 44.8546,
33.3111

■ 140.0720, -5.9515,
-4.4481

■ 149.1980,
-10.4506, -8.0666

■ 158.0360,
-14.8077, -10.5556

■ 167.1620,
-19.3069, -14.1741

Harmonies

Analogous

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



78.9130, 32.0879, -25.3567



85.3050, 21.0486, 15.5185



83.5550, 8.6004, 41.6093

Triad

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



85.3050, 21.0486, 15.5185



79.9780, -30.0622, 28.9603



68.5840, 14.0091, -60.1482

Complementary

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



85.3050, 21.0486, 15.5185



110.6950, -21.0486, -15.5185

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.



64.2350, -0.1159, -56.3341



85.3050, 21.0486, 15.5185



77.6070, -30.8653, 6.4837

Square

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



85.3050, 21.0486, 15.5185



80.4220, -19.9280, 45.2339



73.5310, -18.9958, -20.6367



70.6020, 26.8182, -61.9180

Rectangle

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



85.3050, 21.0486, 15.5185



81.7920, -0.8835, 50.1714



73.5310, -18.9958, -20.6367



67.3300, 9.2043, -59.0484

Sweetspot

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



85.3050, 21.0486, 15.5185



149.5090, 8.1301, 5.6926



89.5150, 18.9731, -18.8687



73.9880, 4.9359, 3.5185



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



85.3050, 21.0486, 15.5185



99.7480, 32.6622, 23.9000



92.2100, 15.1795, 31.3878



58.9940, 2.4680, 1.7593



36.7180, 45.0020, 32.6963



0.0000, 0.0000, 0.0000

Inverse Universe

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



88.7900, 2.0755, 34.3872



105.2530, 3.3263, 53.2751



103.7900, -15.1795, -31.3878



59.4350, 0.2785, 4.0035



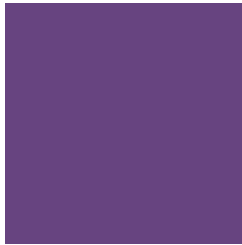
44.3140, 4.2822, 73.3926



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 85.3050, 21.0486, 15.5185 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 85.3050, 21.0486, 15.5185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

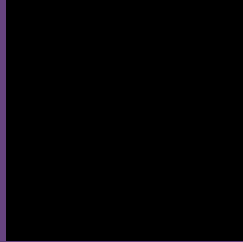
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.3050, 21.0486, 15.5185

Background



This preview shows how black text looks on a background with the YUV color 85.3050, 21.0486, 15.5185.



This preview shows how white text looks on a background with the YUV color 85.3050, 21.0486,

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

85.3050, 21.0486, 15.5185

Protanopia

80.8490, 29.1614, -20.0386

Deuteranopia

81.8080, 21.2937, -16.4946



Tritanopia

84.0660, -0.0325, 10.4661

Trichromacy



Original Color

85.3050, 21.0486, 15.5185

Protanomaly

82.2420, 26.5027, -7.2282

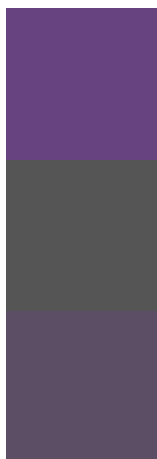
Deuteranomaly

83.4720, 20.9663, -4.7989

Tritanomaly

84.4390, 7.6716, 12.7700

Monochromacy



Original Color

85.3050, 21.0486, 15.5185

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.3950, 7.6933, 5.7926

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.3050, 21.0486, 15.5185 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(103, 68, 128)` looks like.

```
.text, #text, p{  
    color:rgb(103, 68, 128)  
}
```

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(103, 68, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 68, 128) }
```

Border

The CSS property to change the border of an element to YUV 85.3050, 21.0486, 15.5185 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(103, 68, 128) }
```


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

```
.border{ border-color:rgb(103, 68, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 68, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 68, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 68, 128);  
box-shadow:4px 4px 4px 4px rgb(103, 68,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 85.3050, 21.0486, 15.5185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 68, 128) }
```

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

```
.background{ background-color: rgb(103, 68,  
128) }
```

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