

Converting Colors

YUV(85.3300, 13.1483, 29.5286)

Have a look what the booklet for
YUV(85.3300, 13.1483, 29.5286)
contains.

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Color

**YUV(85.3300, 13.1483,
29.5286)**

Conversions

Conversions Part 1

Format	Color
Hex	773F70
RGB	119, 63, 112
RGB Percent	47%, 25%, 44%
CMY	0.5333, 0.7529, 0.5608
CMYK	0.00, 0.47, 0.06, 0.53
HSL	308°, 31%, 36%
HSV	308°, 47%, 47%
XYZ	12.3099, 8.6468, 16.3494
YIQ	85.3300, 17.6470, 27.1110

Conversions

Conversions Part 2

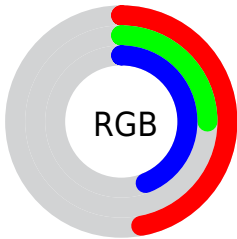
Format	Color
R_{YB}	119, 63, 112
Decimal	7815024
CIE _{Lab}	35.30, 31.87, -17.86
CIE _{LCh}	35, 36.538, 330.733
Yxy	8.6468, 0.3300, 0.2318
Android (android.graphics.Color)	4286005104 (0xFF773F70)
YUV	85.3300, 13.1483, 29.5286
Hunter-Lab	29.4054, 23.2652, -12.3814

Details

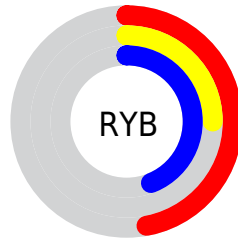
The YUV color **85.3300, 13.1483, 29.5286** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **96.6700, -13.1483, -29.5286**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.7540, 13.4323, 31.7877**, and **36.7320, 13.4431, 28.2990** is the 20% darker color. If you saturate the color by 10%, you get **78.1720, 16.1842, 35.8062**, and if you desaturate by 10%, it is **92.4880, 10.1124, 23.2510**.

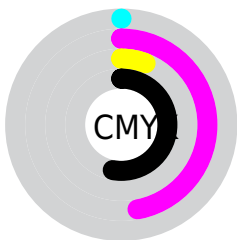
Distribution



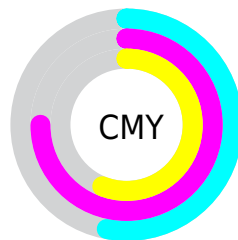
- Red (47%)
- Green (25%)
- Blue (44%)



- Red (47%)
- Yellow (25%)
- Blue (44%)



- Cyan (0%)
- Magenta (47%)
- Yellow (6%)
- Black (53%)



- Cyan (53%)
- Magenta (75%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.3300, 13.1483, 29.5286 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 85.3300, 13.1483, 29.5286 by changing the saturation by 10% instead.

85.3300, 13.1483,
29.5286

85.3300, 13.1483,
29.5286

255.0000, 0.0000,
0.0000

60.6180, 13.0063,
28.3990

136.7540, 13.4323,
31.7877

36.7320, 13.4431,
28.2990

163.1670, 13.7217,
32.3025

18.2430, 11.7122,
23.4659

190.2920, 14.1530,
33.9469

7.4770, 6.6668,
8.3517

217.6940, 14.4479,
32.7174

0.0000, 0.0000,
0.0000

235.0420, 9.8393,
17.5032

252.0650, 1.4470,

2.5740

■ 85.3300, 13.1483,
29.5286

■ 85.3300, 13.1483,
29.5286

■ 78.1720, 16.1842,
35.8062

■ 92.4880, 10.1124,
23.2510

■ 70.9000, 18.7833,
42.1837

■ 99.7600, 7.5133,
16.8735

■ 63.7420, 21.8192,
48.4613

■ 106.9180, 4.4774,
10.5959

■ 56.4700, 24.4183,
54.8388

■ 114.1900, 1.8783,
4.2184

■ 49.8990, 27.1648,
60.6016

■ 121.3480, -1.1576,
-2.0592

■ 47.4370, 27.8856,
62.7608

■ 128.0330, -3.4673,
-7.9219

■ 135.1910, -6.5032,
-14.1995

■ 142.4630, -9.1023,
-20.5771

■ 149.6210,
-12.1382, -26.8546

Harmonies

Analogous

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



84.6020, 23.8602, 0.3490



85.3300, 13.1483, 29.5286



82.6990, 0.1484, 45.8680

Triad

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



85.3300, 13.1483, 29.5286



79.7160, -29.4400, 16.0351



69.7070, 20.8504, -61.1330

Complementary

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



85.3300, 13.1483, 29.5286



96.6700, -13.1483, -29.5286

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.



66.4010, 8.1833, -58.2337



85.3300, 13.1483, 29.5286



76.7670, -23.5491, -6.8117

Square

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



85.3300, 13.1483, 29.5286



81.5040, -24.4055, 34.6380



69.5810, -8.1744, -38.2205



69.7530, 31.1808, -61.1734

Rectangle

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



85.3300, 13.1483, 29.5286



82.0060, -8.8770, 47.3527



69.5810, -8.1744, -38.2205



68.6810, 16.9193, -60.2332

Sweetspot

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



85.3300, 13.1483, 29.5286



142.7440, 5.0562, 11.6255



71.4770, 23.4288, -1.2953



71.1410, 2.8885, 6.8923



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



85.3300, 13.1483, 29.5286



103.0900, 20.6616, 46.4021



82.1380, 0.9180, 32.3280



55.3640, 1.2995, 3.1888



48.6760, 28.7537, 64.3051



99.7160, 58.8070, 131.7991

Inverse Universe

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



85.3300, 13.1483, 29.5286



103.0900, 20.6616, 46.4021



99.8620, -0.9180, -32.3280



55.3640, 1.2995, 3.1888



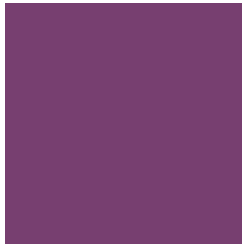
48.6760, 28.7537, 64.3051



99.7160, 58.8070, 131.7991

Previews

White Background



This preview shows how the YUV color 85.3300, 13.1483, 29.5286 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 85.3300, 13.1483, 29.5286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

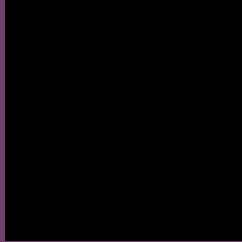
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.3300, 13.1483, 29.5286

Background



This preview shows how black text looks on a background with the YUV color 85.3300, 13.1483, 29.5286.



This preview shows how white text looks on a background with the YUV color 85.3300, 13.1483,

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

85.3300, 13.1483, 29.5286

Protanopia

82.9440, 21.7196, -13.1059

Deuteranopia

83.8820, 12.3832, -5.1585



Tritanopia

84.7260, -4.3019, 26.5503

Trichromacy



Original Color

85.3300, 13.1483, 29.5286

Protanomaly

83.9460, 18.7606, 2.6784

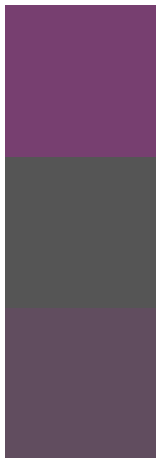
Deuteranomaly

84.3720, 12.6346, 7.5668

Tritanomaly

84.7460, 2.0972, 27.4098

Monochromacy



Original Color

85.3300, 13.1483, 29.5286

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0320, 4.9142, 10.4959

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.3300, 13.1483, 29.5286 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(119, 63, 112)` looks like.

```
.text, #text, p{  
    color:rgb(119, 63, 112)  
}
```

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(119, 63, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 63, 112) }
```

Border

The CSS property to change the border of an element to YUV 85.3300, 13.1483, 29.5286 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(119, 63, 112) }
```


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

```
.border{ border-color:rgb(119, 63, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 63, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 63, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 63, 112);  
box-shadow:4px 4px 4px 4px rgb(119, 63,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 85.3300, 13.1483, 29.5286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 63, 112) }
```

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

```
.background{ background-color: rgb(119, 63,  
112) }
```

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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