

Converting Colors

YUV(86.6600, -0.8184, 29.2392)

Have a look what the booklet for
YUV(86.6600, -0.8184, 29.2392)
contains.

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Color

**YUV(86.6600, -0.8184,
29.2392)**

Conversions

Conversions Part 1

Format	Color
Hex	784655
RGB	120, 70, 85
RGB Percent	47%, 27%, 33%
CMY	0.5294, 0.7255, 0.6667
CMYK	0.00, 0.42, 0.29, 0.53
HSL	342°, 26%, 37%
HSV	342°, 42%, 47%
XYZ	11.5756, 9.0293, 9.7271
YIQ	86.6600, 24.9850, 15.2650

Conversions

Conversions Part 2

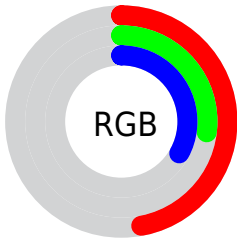
Format	Color
R_{YB}	120, 70, 85
Decimal	7882325
CIE Lab	36.04, 23.53, 0.32
CIE LCh	36, 23.529, 0.775
Yxy	9.0293, 0.3816, 0.2977
Android (android.graphics.Color)	4286072405 (0xFF784655)
YUV	86.6600, -0.8184, 29.2392
Hunter-Lab	30.0487, 16.1777, 1.8414

Details

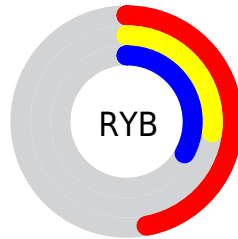
The YUV color **86.6600, -0.8184, 29.2392** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **103.3400, 0.8184, -29.2392**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2690, -1.1186, 32.2131**, and **39.5780, 0.2080, 26.6801** is the 20% darker color. If you saturate the color by 10%, you get **78.7040, -0.8401, 36.2166**, and if you desaturate by 10%, it is **94.6160, -0.7967, 22.2618**.

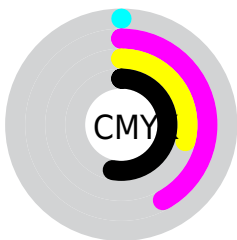
Distribution



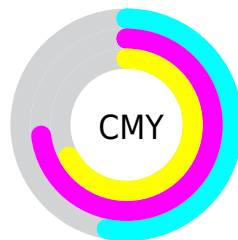
- Red (47%)
- Green (27%)
- Blue (33%)



- Red (47%)
- Yellow (27%)
- Blue (33%)



- Cyan (0%)
- Magenta (42%)
- Yellow (29%)
- Black (53%)



- Cyan (53%)
- Magenta (73%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.6600, -0.8184, 29.2392 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 86.6600, -0.8184, 29.2392 by changing the saturation by 10% instead.

86.6600, -0.8184,
29.2392

86.6600, -0.8184,
29.2392

255.0000, 0.0000,
0.0000

62.7630, -0.3762,
27.3948

137.2690, -1.1186,
32.2131

39.5780, 0.2080,
26.6801

163.5680, -1.2660,
32.8279

17.2080, 1.3765,
25.2506

191.1660, -1.5608,
34.0574

4.7840, -2.3585,
9.8364

218.1550, -1.5554,
32.3131

0.0000, 0.0000,
0.0000

237.8970, 3.0088,
14.9993

86.6600, -0.8184,
29.2392

86.6600, -0.8184,
29.2392

78.7040, -0.8401,
36.2166

94.6160, -0.7967,
22.2618

70.6340, -1.2986,
43.2940

102.6860, -0.3382,
15.1844

62.6780, -1.3203,
50.2714

110.6420, -0.3165,
8.2070

54.6080, -1.7787,
57.3488

118.7120, 0.1420,
1.1296

46.6520, -1.8004,
64.3262

126.6680, 0.1637,
-5.8478

39.9840, -1.9641,
70.1740

134.6240, 0.1854,
-12.8252

142.6940, 0.6439,
-19.9026

150.6500, 0.6655,

-26.8801

■ 158.7200, 1.1240,
-33.9574

Harmonies

Analogous

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



87.1840, 7.7973, 19.1326



86.6600, -0.8184, 29.2392



85.9670, -9.8437, 30.7239

Triad

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



86.6600, -0.8184, 29.2392



81.1940, -14.3926, -3.6781



73.9200, 21.2384, -45.5338

Complementary

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



86.6600, -0.8184, 29.2392



103.3400, 0.8184, -29.2392

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.



66.9200, 17.7874, -58.6888



86.6600, -0.8184, 29.2392



78.2610, -6.0447, -21.2769

Square

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



86.6600, -0.8184, 29.2392



83.6690, -18.0778, 11.6913



73.5280, 5.6557, -40.8051



81.7320, 19.8521, -20.8130

Rectangle

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



86.6600, -0.8184, 29.2392



85.0930, -14.3428, 27.1054



73.5280, 5.6557, -40.8051



69.5660, 21.4130, -54.8704

Sweetspot

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



86.6600, -0.8184, 29.2392



141.9630, -0.4748, 12.3104



86.1650, 16.6807, 16.5183



70.3430, -0.1691, 7.5922



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.



86.6600, -0.8184, 29.2392



103.9440, -1.4514, 45.6531



90.8200, -10.2643, 25.5909



57.0220, -0.0108, 3.4887



41.5930, -2.2643, 73.1479



84.0120, -3.9499, 147.3255

Inverse Universe

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



86.6600, -0.8184, 29.2392



103.9440, -1.4514, 45.6531



99.1800, 10.2643, -25.5909



57.0220, -0.0108, 3.4887



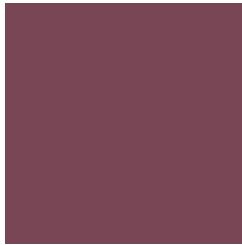
41.5930, -2.2643, 73.1479



84.0120, -3.9499, 147.3255

Previews

White Background



This preview shows how the YUV color 86.6600, -0.8184, 29.2392 looks on a white background.

Color Contrast Check

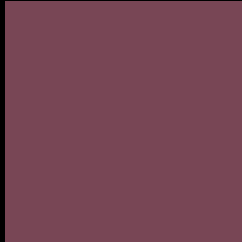
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.6600, -0.8184, 29.2392 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 86.6600, -0.8184, 29.2392

Background



This preview shows how black text looks on a background with the YUV color 86.6600, -0.8184, 29.2392.



This preview shows how white text looks on a background with the YUV color 86.6600, -0.8184,

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

86.6600, -0.8184, 29.2392

Protanopia

85.7270, 4.0786, -1.5146

Deuteranopia

85.7020, -1.3321, 7.2773



Tritanopia

86.0360, -4.4547, 28.9094

Trichromacy



Original Color

86.6600, -0.8184, 29.2392

Protanomaly

86.3370, 2.2989, 9.3515

Deuteranomaly

86.1590, -1.0644, 14.7696

Tritanomaly

86.3780, -3.1444, 28.6095

Monochromacy



Original Color

86.6600, -0.8184, 29.2392

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9520, -0.4693, 10.5661

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.6600, -0.8184, 29.2392 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(120, 70, 85)` looks like.

```
.text, #text, p{  
    color:rgb(120, 70, 85)  
}
```

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(120, 70, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 70, 85) }
```

Border

The CSS property to change the border of an element to YUV 86.6600, -0.8184, 29.2392 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(120, 70, 85) }
```


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

```
.border{ border-color:rgb(120, 70, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 70, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 70, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 70, 85);  
box-shadow:4px 4px 4px 4px rgb(120, 70,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 86.6600, -0.8184, 29.2392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 70, 85) }
```

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

```
.background{ background-color: rgb(120, 70,  
85) }
```

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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