

Converting Colors

YUV(83.4630, 1.2507, 18.8879)

Have a look what the booklet for
YUV(83.4630, 1.2507, 18.8879)
contains.

YUV(83.4630, 1.2507, 18.8879)	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(83.4630, 1.2507,
18.8879)**

Conversions

Conversions Part 1

Format	Color
Hex	694856
RGB	105, 72, 86
RGB Percent	41%, 28%, 34%
CMY	0.5882, 0.7176, 0.6627
CMYK	0.00, 0.31, 0.18, 0.59
HSL	335°, 19%, 35%
HSV	335°, 31%, 41%
XYZ	9.8228, 8.3099, 9.8903
YIQ	83.4630, 15.1740, 11.3500

Conversions

Conversions Part 2

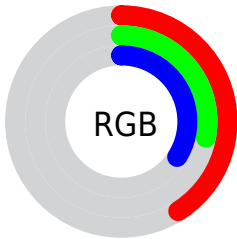
Format	Color
R_{YB}	105, 72, 86
Decimal	6899798
CIE _{Lab}	34.62, 16.45, -2.63
CIE _{LCh}	35, 16.659, 350.922
Yxy	8.3099, 0.3505, 0.2965
Android (android.graphics.Color)	4285089878 (0xFF694856)
YUV	83.4630, 1.2507, 18.8879
Hunter-Lab	28.8269, 10.3771, -0.1633

Details

The YUV color **83.4630, 1.2507, 18.8879** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **93.5370, -1.2507, -18.8879**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.4740, 1.2453, 20.6323**, and **38.1530, 1.4036, 16.5288** is the 20% darker color. If you saturate the color by 10%, you get **76.3220, 1.8133, 25.1506**, and if you desaturate by 10%, it is **90.0170, 0.9776, 13.1401**.

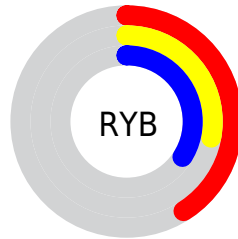
Distribution



Red (41%)

Green (28%)

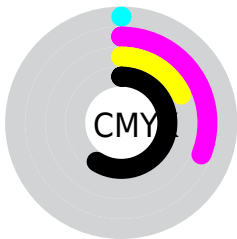
Blue (34%)



Red (41%)

Yellow (28%)

Blue (34%)

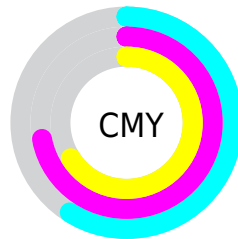


Cyan (0%)

Magenta (31%)

Yellow (18%)

Black (59%)



Cyan (59%)

Magenta (72%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.4630, 1.2507, 18.8879 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 83.4630, 1.2507, 18.8879 by changing the saturation by 10% instead.

■ 83.4630, 1.2507,
18.8879

■ 83.4630, 1.2507,
18.8879

■ 255.0000, 0.0000,
0.0000

■ 59.8650, 1.5456,
17.6584

■ 133.4740, 1.2453,
20.6323

■ 38.1530, 1.4036,
16.5288

■ 159.7730, 1.0979,
21.2471

■ 15.5060, 2.7085,
17.9732

■ 186.4850, 1.2399,
22.3767

■ 0.0000, 0.0000,
0.0000

■ 214.4850, 1.2399,
22.3767

■ 238.5980, 3.1562,
14.3846

83.4630, 1.2507,
18.8879

83.4630, 1.2507,
18.8879

76.3220, 1.8133,
25.1506

90.0170, 0.9776,
13.1401

69.7680, 2.0864,
30.8985

97.1580, 0.4151,
6.8774

62.6270, 2.6489,
37.1611

104.2990, -0.1474,
0.6148

56.0730, 2.9220,
42.9090

110.8530, -0.4205,
-5.1331

49.5190, 3.1951,
48.6568

117.9940, -0.9830,
-11.3957

42.3780, 3.7576,
54.9195

124.5480, -1.2562,
-17.1436

36.5250, 4.1782,
60.0526

131.6890, -1.8187,
-23.4063

138.2430, -2.0918,

-29.1541

■ 145.3840, -2.6543,
-35.4168

Harmonies

Analogous

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



83.3030, 7.2456, 9.3813



83.4630, 1.2507, 18.8879



82.8780, -4.8699, 22.0320

Triad

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



83.4630, 1.2507, 18.8879



79.3240, -11.4987, 1.4699



75.8530, 12.8905, -27.9351

Complementary

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



83.4630, 1.2507, 18.8879



93.5370, -1.2507, -18.8879

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.



74.7620, 7.5123, -29.6093



83.4630, 1.2507, 18.8879



78.0990, -6.9508, -10.6108

Square

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



83.4630, 1.2507, 18.8879



81.0480, -12.8417, 12.2359



76.2700, 0.3599, -22.1618



79.1470, 13.7315, -17.6689

Rectangle

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



83.4630, 1.2507, 18.8879



82.5420, -8.6482, 20.5727



76.2700, 0.3599, -22.1618



75.0870, 11.2961, -29.8943

Sweetspot

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



83.4630, 1.2507, 18.8879



129.5710, 0.7045, 7.3922



81.4430, 11.6136, 8.3815



63.7340, 0.1311, 4.6183



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



83.4630, 1.2507, 18.8879



103.4690, 2.2338, 30.2837



83.0410, -5.4432, 19.2580



50.0220, -0.0108, 3.4887



40.6830, 4.5933, 66.9300



85.1110, 9.3123, 140.2227

Inverse Universe

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



83.4630, 1.2507, 18.8879



103.4690, 2.2338, 30.2837



93.9590, 5.4432, -19.2580



50.0220, -0.0108, 3.4887



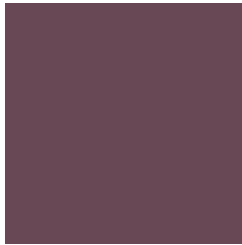
40.6830, 4.5933, 66.9300



85.1110, 9.3123, 140.2227

Previews

White Background



This preview shows how the YUV color 83.4630, 1.2507, 18.8879 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 83.4630, 1.2507, 18.8879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

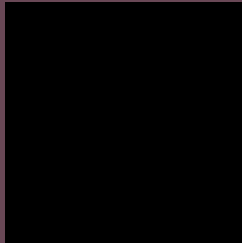
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.4630, 1.2507, 18.8879

Background



This preview shows how black text looks on a background with the YUV color 83.4630, 1.2507, 18.8879.



This preview shows how white text looks on a background with the YUV color 83.4630, 1.2507, 18.8879.

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

83.4630, 1.2507, 18.8879

Protanopia

81.9550, 4.9522, -1.7145

Deuteranopia

82.3750, 1.2941, 4.9331



Tritanopia

82.9530, -1.9488, 18.4582

Trichromacy



Original Color

83.4630, 1.2507, 18.8879

Protanomaly

82.6570, 3.6201, 5.5628

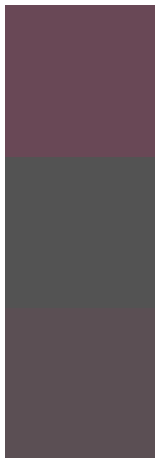
Deuteranomaly

82.4080, 1.2779, 10.1662

Tritanomaly

83.2950, -0.6384, 18.1583

Monochromacy



Original Color

83.4630, 1.2507, 18.8879

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1580, 0.4151, 6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.4630, 1.2507, 18.8879 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(105, 72, 86)` looks like.

```
.text, #text, p{  
    color:rgb(105, 72, 86)  
}
```

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(105, 72, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 72, 86) }
```

Border

The CSS property to change the border of an element to YUV 83.4630, 1.2507, 18.8879 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(105, 72, 86) }
```


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

```
.border{ border-color:rgb(105, 72, 86) }
```

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

Here you see how a box with a 4 pixel rgb(105, 72, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 72, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 72, 86);  
box-shadow:4px 4px 4px 4px rgb(105, 72,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 83.4630, 1.2507, 18.8879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 72, 86) }
```

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

```
.background{ background-color: rgb(105, 72,  
86) }
```

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