

Converting Colors

YUV(83.4340, -11.5530,
18.9134)

Have a look what the booklet for
YUV(83.4340, -11.5530, 18.9134)
contains.

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Color

**YUV(83.4340, -11.5530,
18.9134)**

Conversions

Conversions Part 1

Format	Color
Hex	694D3C
RGB	105, 77, 60
RGB Percent	41%, 30%, 24%
CMY	0.5882, 0.6980, 0.7647
CMYK	0.00, 0.27, 0.43, 0.59
HSL	23°, 27%, 32%
HSV	23°, 43%, 41%
XYZ	9.2952, 8.6373, 5.4522
YIQ	83.4340, 22.1450, 0.6490

Conversions

Conversions Part 2

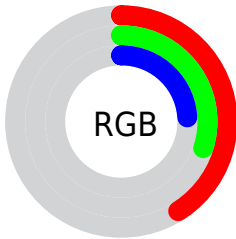
Format	Color
RYB	105, 87, 60
Decimal	6901052
CIELab	35.28, 9.34, 14.69
CIELCh	35, 17.410, 57.544
Yxy	8.6373, 0.3975, 0.3694
Android (android.graphics.Color)	4285091132 (0xFF694D3C)
YUV	83.4340, -11.5530, 18.9134
Hunter-Lab	29.3892, 5.0247, 9.5731

Details

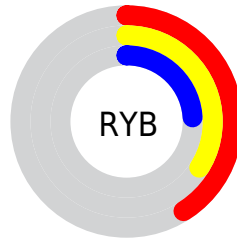
The YUV color **83.4340, -11.5530, 18.9134** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **81.5660, 11.5530, -18.9134**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1030, -12.8688, 20.9577**, and **38.1670, -9.9423, 15.6395** is the 20% darker color. If you saturate the color by 10%, you get **78.0710, -14.3320, 23.6167**, and if you desaturate by 10%, it is **88.7970, -8.7739, 14.2100**.

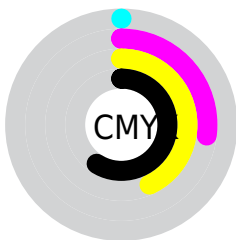
Distribution



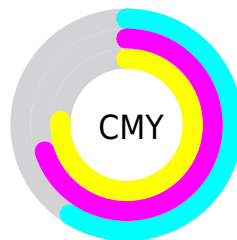
- Red (41%)
- Green (30%)
- Blue (24%)



- Red (41%)
- Yellow (34%)
- Blue (24%)



- Cyan (0%)
- Magenta (27%)
- Yellow (43%)
- Black (59%)



- Cyan (59%)
- Magenta (70%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.4340, -11.5530, 18.9134 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 83.4340, -11.5530, 18.9134 by changing the saturation by 10% instead.

■ 83.4340, -11.5530,
18.9134

■ 83.4340, -11.5530,
18.9134

■ 255.0000, 0.0000,
0.0000

■ 59.9500, -10.8213,
17.5839

■ 133.1030,
-12.8688, 20.9577

■ 38.1670, -9.9423,
15.6395

■ 159.7010,
-13.1636, 22.1872

■ 16.9220, -8.3425,
15.8544

■ 186.8860,
-13.7478, 22.9020

■ 0.0000, 0.0000,
0.0000

■ 214.1850,
-13.8952, 23.5168

■ 237.9990,
-11.8315, 14.9099

■ 253.5180, -5.6784,

1.2997

■ 83.4340, -11.5530,
18.9134

■ 83.4340, -11.5530,
18.9134

■ 78.0710, -14.3320,
23.6167

■ 88.7970, -8.7739,
14.2100

■ 73.4090, -16.9636,
27.7053

■ 93.4590, -6.1423,
10.1215

■ 68.0460, -19.7427,
32.4087

■ 98.8220, -3.3632,
5.4181

■ 63.3840, -22.3743,
36.4972

■ 103.4840, -0.7316,
1.3295

■ 58.0210, -25.1534,
41.2006

■ 108.8470, 2.0474,
-3.3738

■ 54.8750, -27.0534,
43.9596

■ 113.5090, 4.6791,
-7.4624

■ 118.7580, 7.0213,
-12.0658

■ 123.5340, 10.0897,
-16.2543

■ 128.8970, 12.8688,
-20.9577

Harmonies

Analogous

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



84.7210, -6.7645, 23.0467



83.4340, -11.5530, 18.9134



82.5100, -13.5624, 10.0767

Triad

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



83.4340, -11.5530, 18.9134



77.0030, 1.9705, -25.4356



84.0890, 11.7881, -0.9551

Complementary

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



83.4340, -11.5530, 18.9134



81.5660, 11.5530, -18.9134

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.



81.2720, 14.1629, -16.0245



83.4340, -11.5530, 18.9134



75.3210, 9.7017, -31.8535

Square

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



83.4340, -11.5530, 18.9134



78.8320, -5.3402, -13.8847



77.1950, 14.2009, -28.2350



85.0970, 6.3612, 13.0699

Rectangle

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



83.4340, -11.5530, 18.9134



81.3950, -12.5197, 2.2846



77.1950, 14.2009, -28.2350



82.9960, 12.8200, -5.2585

Sweetspot

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



83.4340, -11.5530, 18.9134



129.4910, -4.6791, 7.4624



76.6470, 5.5970, 24.8656



63.6370, -2.7790, 4.7034



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.



83.4340, -11.5530, 18.9134



104.0780, -18.2795, 29.7496



96.3480, -17.9196, 7.5878



50.9680, -1.4632, 2.6591



60.8110, -29.9798, 49.2778



127.2590, -62.7387, 103.2589

Inverse Universe

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



81.5660, 11.5530, -18.9134



100.9220, 18.2795, -29.7496



68.6520, 17.9196, -7.5878



51.0320, 1.4632, -2.6591



56.1890, 29.9798, -49.2778



117.1540, 63.0281, -102.7441

Previews

White Background



This preview shows how the YUV color 83.4340, -11.5530, 18.9134 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 83.4340, -11.5530, 18.9134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

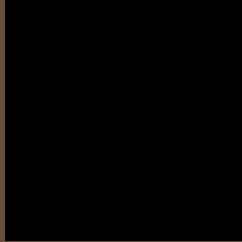
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.4340, -11.5530, 18.9134

Background



This preview shows how black text looks on a background with the YUV color 83.4340, -11.5530, 18.9134.

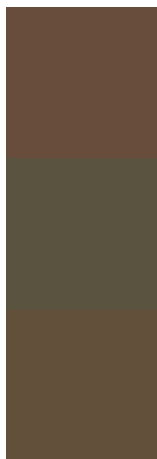


This preview shows how white text looks on a background with the YUV color 83.4340, -11.5530,

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

83.4340, -11.5530, 18.9134

Protanopia

82.5140, -9.6204, 5.6882

Deuteranopia

83.2870, -11.9735, 13.7803



Tritanopia

84.5510, -2.2436, 19.6878

Trichromacy



Original Color

83.4340, -11.5530, 18.9134

Protanomaly

83.0200, -10.3629, 10.5065

Deuteranomaly

83.2980, -11.9789, 15.5247

Tritanomaly

84.0410, -5.4432, 19.2580

Monochromacy



Original Color

83.4340, -11.5530, 18.9134

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.3060, -4.0949, 6.7476

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.4340, -11.5530, 18.9134 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, 77, 60)` looks like.

```
.text, #text, p{  
    color:rgb(105, 77, 60)  
}
```

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, 77, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 77, 60) }
```

Border

The CSS property to change the border of an element to YUV 83.4340, -11.5530, 18.9134 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, 77, 60) }
```


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

```
.border{ border-color:rgb(105, 77, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 77, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 77, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 77, 60);  
box-shadow:4px 4px 4px 4px rgb(105, 77,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 83.4340, -11.5530, 18.9134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 77, 60) }
```

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

```
.background{ background-color: rgb(105, 77,  
60) }
```

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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