

Converting Colors

YUV(83.3500, -34.1895,
46.1741)

Have a look what the booklet for
YUV(83.3500, -34.1895, 46.1741)
contains.

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Color

**YUV(83.3500, -34.1895,
46.1741)**

Conversions

Conversions Part 1

Format	Color
Hex	88460E
RGB	136, 70, 14
RGB Percent	53%, 27%, 5%
CMY	0.4667, 0.7255, 0.9451
CMYK	0.00, 0.49, 0.90, 0.47
HSL	28°, 81%, 29%
HSV	28°, 90%, 53%
XYZ	12.4228, 9.6463, 1.6226
YIQ	83.3500, 57.3120, -3.4240

Conversions

Conversions Part 2

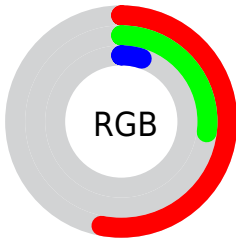
Format	Color
RYB	136, 118, 14
Decimal	8930830
CIELab	37.20, 24.43, 42.51
CIELCh	37, 49.029, 60.108
Yxy	9.6463, 0.5244, 0.4072
Android (android.graphics.Color)	4287120910 (0xFF88460E)
YUV	83.3500, -34.1895, 46.1741
Hunter-Lab	31.0584, 17.0442, 18.6433

Details

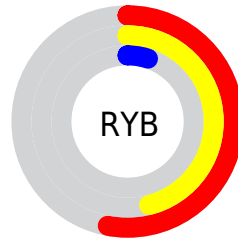
The YUV color **83.3500, -34.1895, 46.1741** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **66.6500, 34.1896, -46.1740**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.0410, -35.5162, 51.7070**, and **38.0080, -18.7379, 36.8270** is the 20% darker color. If you saturate the color by 10%, you get **77.6450, -38.2790, 51.1773**, and if you desaturate by 10%, it is **89.0550, -30.1001, 41.1708**.

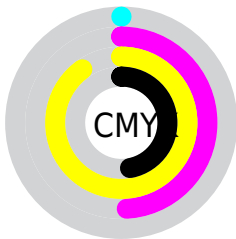
Distribution



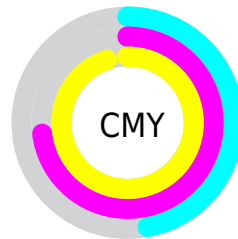
- Red (53%)
- Green (27%)
- Blue (5%)



- Red (53%)
- Yellow (46%)
- Blue (5%)



- Cyan (0%)
- Magenta (49%)
- Yellow (90%)
- Black (47%)





- Cyan (47%)
- Magenta (73%)
- Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 83.3500, -34.1895, 46.1741 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 83.3500, -34.1895, 46.1741 by changing the saturation by 10% instead.


 83.3500, -34.1895,
46.1741


 83.3500, -34.1895,
46.1741


 254.4300, -2.1840,
0.4999


 59.8810, -29.5213,
42.2004


 135.0410,
-35.5162, 51.7070

 38.0080, -18.7379,
36.8270

 162.1230,
-36.5426, 54.2661

 17.0210, -8.3914,
31.5536

 190.0910,
-38.0059, 56.9252

 7.5890, -3.2484,
15.2694


 208.9040,
-34.4627, 40.4262


 0.0000, 0.0000,
0.0000


 229.0050,
-31.0615, 22.7976


 247.9320,


-27.0815, 6.1986


 251.1240,
-14.8511, 3.3993


 83.3500, -34.1895,
46.1741

 83.3500, -34.1895,
46.1741

 77.6450, -38.2790,
51.1773


 89.0550, -30.1001,
41.1708

 77.0580, -37.9896,
51.6921

 95.2330, -26.7369,
35.7527

 100.9380,
-22.6474, 30.7494

 106.5290,
-18.9948, 25.8461

 112.8210,
-15.1948, 20.3280

■ 118.5260,
-11.1053, 15.3247

■ 124.7040, -7.7421,
9.9066

■ 130.4090, -3.6526,
4.9033

■ 136.0000, 0.0000,
0.0000

Harmonies

Analogous

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



82.5690, -16.0565, 63.5220



83.3500, -34.1895, 46.1741



82.1760, -40.5128, 20.8936

Triad

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



83.3500, -34.1895, 46.1741



71.4390, 7.1786, -62.6520



88.3980, 33.3278, -2.9800

Complementary

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



83.3500, -34.1895, 46.1741



66.6500, 34.1896, -46.1740

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.



73.0420, 46.3213, -64.0578



83.3500, -34.1895, 46.1741



75.9990, 24.6505, -66.6511

Square

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



83.3500, -34.1895, 46.1741



65.7050, -9.7146, -57.6233



77.0710, 38.9120, -67.5913



88.7040, 19.3729, 39.7246

Rectangle

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



83.3500, -34.1895, 46.1741



79.3970, -39.1427, 1.4058



77.0710, 38.9120, -67.5913



84.5310, 38.1922, -23.2677

Sweetspot

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



83.3500, -34.1895, 46.1741



155.2660, -13.4421, 18.1837



58.1160, 11.2818, 68.3043



77.0030, -7.8895, 10.5214



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



83.3500, -34.1895, 46.1741



100.1710, -49.3843, 66.5020



118.5700, -51.5530, 15.2861



65.8540, -1.9000, 2.7590



75.5740, -37.2580, 50.3626



2.6690, -1.3158, 2.0443

Inverse Universe

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



66.6500, 34.1896, -46.1740



75.8290, 49.3843, -66.5020



31.4300, 51.5530, -15.2861



65.1460, 1.9000, -2.7590



57.4260, 37.2580, -50.3626



2.3310, 1.3158, -2.0443

Previews

White Background



This preview shows how the YUV color 83.3500, -34.1895, 46.1741 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 83.3500, -34.1895, 46.1741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

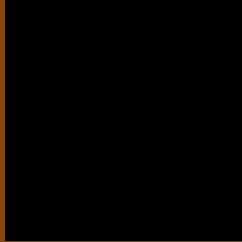
Any Text WCAG AA × Fail

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 83.3500, -34.1895, 46.1741 Background



This preview shows how black text looks on a background with the YUV color 83.3500, -34.1895, 46.1741.



This preview shows how white text looks on a background with the YUV color 83.3500, -34.1895,

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

83.3500, -34.1895, 46.1741

Protanopia

83.4230, -31.7605, 13.6610

Deuteranopia

82.7960, -40.8184, 25.6119



Tritanopia

87.3970, -8.5767, 44.3788

Trichromacy



Original Color

83.3500, -34.1895, 46.1741

Protanomaly

82.9730, -32.5247, 25.4567

Deuteranomaly

83.1220, -38.5141, 33.2190

Tritanomaly

85.9920, -17.7441, 44.7340

Monochromacy



Original Color

83.3500, -34.1895, 46.1741

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.8960, -12.2737, 16.7542

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3500, -34.1895, 46.1741 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(136, 70, 14)` looks like.

```
.text, #text, p{  
    color:rgb(136, 70, 14)  
}
```

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(136, 70, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 70, 14) }
```

Border

The CSS property to change the border of an element to YUV 83.3500, -34.1895, 46.1741 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(136, 70, 14) }
```


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

```
.border{ border-color:rgb(136, 70, 14) }
```

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

Here you see how a box with a 4 pixel rgb(136, 70, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 70, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 70, 14);  
box-shadow:4px 4px 4px 4px rgb(136, 70,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 83.3500, -34.1895, 46.1741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 70, 14) }
```

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

```
.background{ background-color: rgb(136, 70,  
14) }
```

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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