

# Converting Colors

YUV(84.9350, -41.8730, -9.5900)

Have a look what the booklet for  
YUV(84.9350, -41.8730, -9.5900)  
contains.

<b>YUV(84.9350, -41.8730, -9.5900)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	30

# Color

**YUV(84.9350, -41.8730,  
-9.5900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A6B00
RGB	74, 107, 0
RGB Percent	29%, 42%, 0%
CMY	0.7098, 0.5804, 1.0000
CMYK	0.31, 0.00, 1.00, 0.58
HSL	79°, 100%, 21%
HSV	79°, 100%, 42%
XYZ	8.0817, 11.9712, 1.8847
YIQ	84.9350, 14.6790, -40.2730

# Conversions

## Conversions Part 2

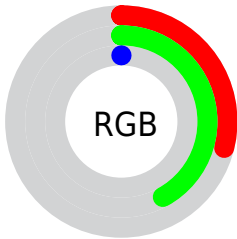
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 107, 33
Decimal	4877056
CIELab	41.17, -26.56, 46.83
CIELCh	41, 53.840, 119.556
Yxy	11.9712, 0.3684, 0.5457
Android (android.graphics.Color)	4283067136 (0xFF4A6B00)
YUV	84.9350, -41.8730, -9.5900
Hunter-Lab	34.5995, -18.8551, 20.9899

# Details

The YUV color **84.9350, -41.8730, -9.5900** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **22.0650, 41.8730, 9.5900**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.0320, -38.9628, -9.6751**, and **41.2110, -20.3170, -16.8480** is the 20% darker color. If you saturate the color by 10%, you get **84.9350, -41.8730, -9.5900**, and if you desaturate by 10%, it is **87.0860, -37.5104, -8.8454**.

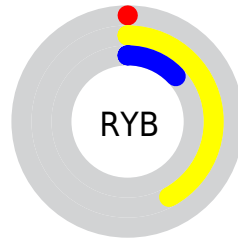
# Distribution



Red (29%)

Green (42%)

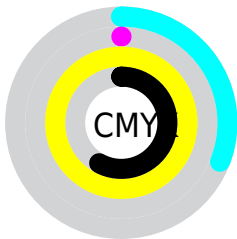
Blue (0%)



Red (0%)

Yellow (42%)

Blue (13%)

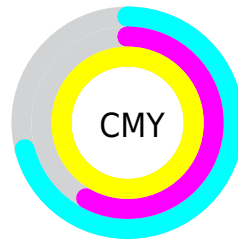


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (71%)

Magenta (58%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 84.9350, -41.8730, -9.5900 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 84.9350, -41.8730, -9.5900 by changing the saturation by 10% instead.





 84.9350, -41.8730,  
-9.5900


 84.9350, -41.8730,  
-9.5900


 254.4300, -2.1840,  
0.4999

 63.3720, -31.2424,  
-12.6042


 138.0320,  
-38.9628, -9.6751

 41.2110, -20.3170,  
-16.8480


 164.9180,  
-39.3996, -9.5751

 22.3060, -10.9969,  
-19.5624

 191.8040,  
-39.8364, -9.4751

 4.6960, -2.3151,  
-4.1184


 220.4620,  
-41.1468, -9.1752


 0.0000, 0.0000,  
0.0000


 239.9560,  
-36.9533, -0.8384


 247.8180,


-27.5183, 6.2986


 251.1240,  
-14.8511, 3.3993


 84.9350, -41.8730,  
-9.5900

 87.0860, -37.5104,  
-8.8454

 89.4220, -33.7320,  
-7.3861

 91.5730, -29.3695,  
-6.6415

 93.7240, -25.0069,  
-5.8969

 96.1740, -20.7918,  
-4.5376

■ 98.2110, -16.8660,  
-3.6930

■ 100.3620,  
-12.5035, -2.9485

■ 102.5130, -8.1409,  
-2.2039

■ 104.8490, -4.3626,  
-0.7446

# Harmonies

## Analogous

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



91.0470, -44.8862, 23.6378



84.9350, -41.8730, -9.5900



72.5040, -11.5875, -63.5860

# Triad

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



84.9350, -41.8730, -9.5900



86.0530, 42.8649, -75.4685



91.8900, 3.9982, 71.1335

# Complementary

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



84.9350, -41.8730, -9.5900



22.0650, 41.8730, 9.5900

# 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.



98.4210, 21.9774, 44.3578



84.9350, -41.8730, -9.5900



81.6650, 51.4372, -71.6202

# Square

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



84.9350, -41.8730, -9.5900



84.6390, 27.2930, -74.2284



98.2390, 37.8432, -4.5946



91.2710, -17.3886, 70.7993



# Rectangle

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



84.9350, -41.8730, -9.5900



77.2120, 1.3745, -67.7149



98.2390, 37.8432, -4.5946



93.7520, 9.9823, 65.1155

# Sweetspot

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



84.9350, -41.8730, -9.5900



131.3250, -16.4292, -3.7930



50.7770, -25.0331, 49.3076



65.7580, -9.7407, -2.4188



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



84.9350, -41.8730, -9.5900



111.1830, -54.8132, -12.4385



69.0880, -34.0604, -42.1732



52.7180, -2.3260, -0.6297



92.8980, -45.7987, -10.4345



194.3460, -95.8126, -22.2284



# Inverse Universe

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



22.0650, 41.8730, 9.5900



28.8170, 54.8132, 12.4385



37.9120, 34.0604, 42.1732



49.2820, 2.3260, 0.6297



24.1020, 45.7987, 10.4345



50.3550, 95.9600, 21.6137



# Previews

## White Background



This preview shows how the YUV color 84.9350, -41.8730, -9.5900 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

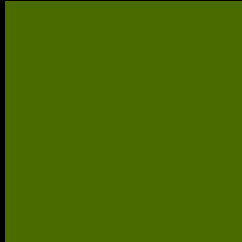
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 84.9350, -41.8730, -9.5900 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

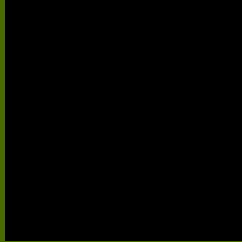
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 84.9350, -41.8730, -9.5900

## Background



This preview shows how black text looks on a background with the YUV color 84.9350, -41.8730, -9.5900.



This preview shows how white text looks on a background with the YUV color 84.9350, -41.8730,

-9.5900.

# 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



### Protanopia

89.5300, -44.1383, 17.0752

### Deuteranopia

92.7620, -35.8717, 25.6417

### Tritanopia

95.4270, 5.7055, -10.0215

# Trichromacy



## Protanomaly

87.9910, -43.3796, 7.0239

## Deuteranomaly

89.8160, -37.8703, 13.3164

## Tritanomaly

91.5460, -11.6082, -10.1258

# Monochromacy



## Achromatopsia

85.0000, 0.0000, 0.0000

## Achromatomaly

84.9660, -15.2662, -3.4782

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 84.9350, -41.8730, -9.5900 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(74, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(74, 107, 0)  
}
```

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(74, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 107, 0) }
```

## Border

The CSS property to change the border of an element to YUV 84.9350, -41.8730, -9.5900 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(74, 107, 0) }
```

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

```
.border{ border-color:rgb(74, 107, 0) }
```

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

Here you see how a box with a 4 pixel rgb(74, 107, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(74, 107, 0)  
}
```



# Background

The CSS property to change the background color of an element to YUV 84.9350, -41.8730, -9.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 107, 0) }
```

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

```
.background{ background-color: rgb(74, 107,  
0) }
```

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