

# Converting Colors

YUV(84.8930, -41.8522,  
-63.0502)

Have a look what the booklet for  
YUV(84.8930, -41.8522, -63.0502)  
contains.

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# Color

**YUV(84.8930, -41.8522,  
-63.0502)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D8A00
RGB	13, 138, 0
RGB Percent	5%, 54%, 0%
CMY	0.9490, 0.4588, 1.0000
CMYK	0.91, 0.00, 1.00, 0.46
HSL	114°, 100%, 27%
HSV	114°, 100%, 54%
XYZ	9.2545, 18.2625, 3.0373
YIQ	84.8930, -30.2020, -69.4180

# Conversions

## Conversions Part 2

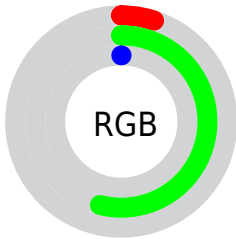
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 138, 125
Decimal	887296
CIELab	49.81, -53.65, 52.82
CIELCh	50, 75.286, 135.450
Yxy	18.2625, 0.3029, 0.5977
Android (android.graphics.Color)	4279077376 (0xFF0D8A00)
YUV	84.8930, -41.8522, -63.0502
Hunter-Lab	42.7347, -36.1304, 25.7004

# Details

The YUV color **84.8930, -41.8522, -63.0502** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **53.1070, 41.8522, 63.0502**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1270, -39.9956, -51.8544**, and **50.4820, -24.8876, -44.2727** is the 20% darker color. If you saturate the color by 10%, you get **84.8930, -41.8522, -63.0502**, and if you desaturate by 10%, it is **90.0770, -37.5060, -57.0725**.

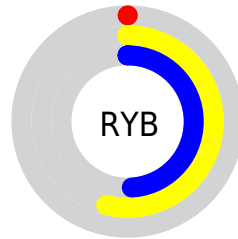
# Distribution



Red (5%)

Green (54%)

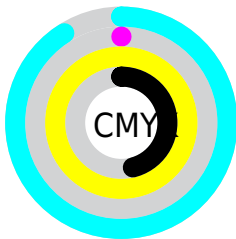
Blue (0%)



Red (0%)

Yellow (54%)

Blue (49%)

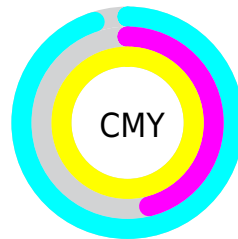


Cyan (91%)

Magenta (0%)

Yellow (100%)

Black (46%)



Cyan (95%)

Magenta (46%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 84.8930, -41.8522, -63.0502 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 84.8930, -41.8522, -63.0502 by changing the saturation by 10% instead.



■ 84.8930, -41.8522,  
-63.0502

■ 84.8930, -41.8522,  
-63.0502

255.0000, 0.0000,  
0.0000

■ 65.7440, -32.4118,  
-57.6575

■ 147.1270,  
-39.9956, -51.8544

■ 50.4820, -24.8876,  
-44.2727

■ 175.6110,  
-40.7272, -50.5248

■ 36.3940, -17.9422,  
-31.9175

■ 204.2690,  
-42.0376, -50.2249

■ 22.8930, -11.2862,  
-20.0772


■ 219.0670,  
-35.5290, -37.7698


■ 0.0000, 0.0000,  
0.0000


■ 230.8160,  
-28.0103, -22.6406


■ 243.0920,


-19.7654, -7.0967


 252.2640,  
-10.4832, 2.3995


 84.8930, -41.8522,  
-63.0502

 90.0770, -37.5060,  
-57.0725

 95.5600, -33.3071,  
-50.4801

 100.9290,  
-29.5450, -43.7877

 106.1130,  
-25.1987, -37.8101

 111.2970,  
-20.8524, -31.8325

■ 116.7800,  
-16.6535, -25.2401

■ 122.2630,  
-12.4547, -18.6477

■ 127.3330, -8.5452,  
-12.5700

■ 132.8160, -4.3463,  
-5.9776

# Harmonies

## Analogous

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



107.7490, -53.1203, 4.6051



84.8930, -41.8522, -63.0502



94.1040, -4.9813, -82.5292

# Triad

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



84.8930, -41.8522, -63.0502



107.0610, 67.5109, -93.8925



97.1020, -3.9943, 114.7975

# Complementary

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



84.8930, -41.8522, -63.0502



53.1070, 41.8522, 63.0502

# 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.



105.6800, 22.8358, 95.8736



84.8930, -41.8522, -63.0502



95.3210, 73.2987, -83.5965

# Square

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



84.8930, -41.8522, -63.0502



108.3540, 49.6185, -95.0265



120.3870, 43.6862, 34.7406



107.3170, -40.5823, 90.0530



# Rectangle

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



84.8930, -41.8522, -63.0502



100.4080, 14.0959, -88.0578



120.3870, 43.6862, 34.7406



95.3870, 7.2042, 116.3016

# Sweetspot

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



84.8930, -41.8522, -63.0502



158.1930, -16.3641, -24.7253



114.0500, -56.2266, 21.0042



76.6810, -9.7027, -14.6292



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.



84.8930, -41.8522, -63.0502



110.1560, -54.3069, -81.6978



87.2760, -15.9121, -76.5411



66.4080, -2.1731, -2.9888



81.6590, -40.2579, -61.0909



2.9350, -1.4470, -2.5740



# Inverse Universe

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



53.1070, 41.8522, 63.0502



68.8440, 54.3069, 81.6978



50.7240, 15.9121, 76.5411



64.5920, 2.1731, 2.9888



51.0420, 40.4053, 60.4762

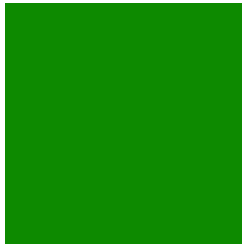


2.0650, 1.4470, 2.5740



# Previews

## White Background



This preview shows how the YUV color 84.8930, -41.8522, -63.0502 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



## 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

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

# YUV 84.8930, -41.8522, -63.0502

## Background



This preview shows how black text looks on a background with the YUV color 84.8930, -41.8522, -63.0502.



This preview shows how white text looks on a background with the YUV color 84.8930, -41.8522, -63.0502.



# 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

84.8930, -41.8522, -63.0502

### Protanopia

109.0330, -53.7533, 21.0191

### Deuteranopia

113.4160, -41.1241, 30.3302



## Tritanopia

108.6230, 14.9759, -43.5194

# Trichromacy



## Original Color

84.8930, -41.8522, -63.0502



## Protanomaly

99.9860, -49.2931, -9.6347



## Deuteranomaly

102.7940, -41.3104, -3.3273



## Tritanomaly

100.0740, -5.9525, -50.9309

# Monochromacy



## Original Color

84.8930, -41.8522, -63.0502



## Achromatopsia

85.0000, 0.0000, 0.0000



## Achromatomaly

84.8450, -15.2066, -22.6661

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 84.8930, -41.8522, -63.0502 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(13, 138, 0)` looks like.

```
.text, #text, p{  
    color:rgb(13, 138, 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(13, 138, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 138, 0) }
```

## Border

The CSS property to change the border of an element to YUV 84.8930, -41.8522, -63.0502 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(13, 138, 0) }
```



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

```
.border{ border-color:rgb(13, 138, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 138, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 138, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 138, 0);  
box-shadow:4px 4px 4px 4px rgb(13, 138, 0)  
}
```

# Background

The CSS property to change the background color of an element to YUV 84.8930, -41.8522, -63.0502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 138, 0) }
```

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

```
.background{ background-color: rgb(13, 138,  
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](#).

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