

# Converting Colors

YUV(86.6500, -2.7854, -40.0350)

Have a look what the booklet for  
YUV(86.6500, -2.7854, -40.0350)  
contains.

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# Color

**YUV(86.6500, -2.7854,  
-40.0350)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	296F51
RGB	41, 111, 81
RGB Percent	16%, 44%, 32%
CMY	0.8392, 0.5647, 0.6824
CMYK	0.63, 0.00, 0.27, 0.56
HSL	154°, 46%, 30%
HSV	154°, 63%, 44%
XYZ	8.0841, 12.4344, 9.7586
YIQ	86.6500, -32.0900, -24.1700

# Conversions

## Conversions Part 2

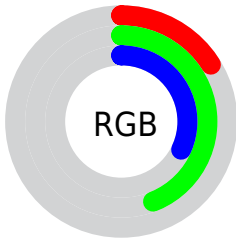
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 86, 111
Decimal	2715473
CIE <sub>Lab</sub>	41.90, -29.67, 10.32
CIE <sub>LCh</sub>	42, 31.418, 160.821
Yxy	12.4344, 0.2670, 0.4107
Android (android.graphics.Color)	4280905553 (0xFF296F51)
YUV	86.6500, -2.7854, -40.0350
Hunter-Lab	35.2624, -20.7872, 8.2757

# Details

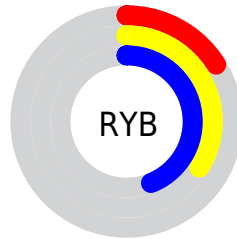
The YUV color **86.6500, -2.7854, -40.0350** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **65.3500, 2.7855, 40.0351**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6070, -4.2433, -39.1203**, and **40.4980, -2.2175, -35.5167** is the 20% darker color. If you saturate the color by 10%, you get **82.7910, -3.3480, -46.2977**, and if you desaturate by 10%, it is **90.5090, -2.2229, -33.7724**.

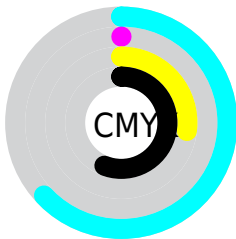
# Distribution



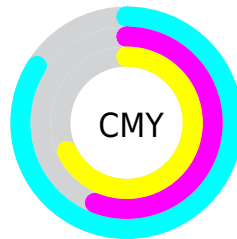
- Red (16%)
- Green (44%)
- Blue (32%)



- Red (16%)
- Yellow (34%)
- Blue (44%)



- Cyan (63%)
- Magenta (0%)
- Yellow (27%)
- Black (56%)



- Cyan (84%)
- Magenta (56%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 86.6500, -2.7854, -40.0350 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 86.6500, -2.7854, -40.0350 by changing the saturation by 10% instead.



■ 86.6500, -2.7854,  
-40.0350

■ 86.6500, -2.7854,  
-40.0350

255.0000, 0.0000,  
0.0000

■ 59.4860, -0.7326,  
-45.1532

■ 138.6070, -4.2433,  
-39.1203

■ 40.4980, -2.2175,  
-35.5167

■ 165.7810, -4.8220,  
-40.1499

■ 25.3040, -4.5869,  
-22.1916

■ 193.3680, -5.1114,  
-40.6647

■ 7.6310, -3.7621,  
-6.6924

■ 221.3680, -5.1114,  
-40.6647

■ 0.0000, 0.0000,  
0.0000

■ 237.6280, 0.6764,  
-30.3688

■ 248.1230, 3.3904,

-14.1399

■ 86.6500, -2.7854,  
-40.0350

■ 86.6500, -2.7854,  
-40.0350

■ 82.7910, -3.3480,  
-46.2977

■ 90.5090, -2.2229,  
-33.7724

■ 78.9320, -3.9105,  
-52.5604

■ 94.3680, -1.6604,  
-27.5097

■ 75.1870, -4.0362,  
-58.9230

■ 98.1130, -1.5347,  
-21.1471

■ 72.3390, -4.6041,  
-63.4413

■ 101.9720, -0.9722,  
-14.8844

■ 106.1300, -0.5571,  
-8.0070

■ 109.9890, 0.0054,  
-1.7444

■ 113.7340, 0.1311,  
4.6183

■ 117.5930, 0.6937,  
10.8809

■ 121.4520, 1.2562,  
17.1436

# Harmonies

## Analogous

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



92.4440, -16.9809, -13.5444



86.6500, -2.7854, -40.0350



78.0560, 14.7624, -68.4551

# Triad

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



86.6500, -2.7854, -40.0350



96.7520, 26.2513, -19.9535



99.3010, -16.4174, 39.2010

# Complementary

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



86.6500, -2.7854, -40.0350



65.3500, 2.7855, 40.0351

# 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.



100.2980, -5.0769, 41.8347



86.6500, -2.7854, -40.0350



101.1750, 18.1547, 10.3705

# Square

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



86.6500, -2.7854, -40.0350



78.9800, 33.5339, -69.2655



101.4460, 7.1751, 32.0579



98.2750, -23.7996, 26.9458



# Rectangle

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



86.6500, -2.7854, -40.0350



79.9940, 22.1880, -70.1547



101.4460, 7.1751, 32.0579



99.3490, -12.4971, 41.7899

# Sweetspot

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



86.6500, -2.7854, -40.0350



135.6730, -0.8248, -15.4992



91.0600, -24.6796, -17.5926



68.1190, -0.5517, -9.7514



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



86.6500, -2.7854, -40.0350



106.7520, -4.3147, -62.9265



87.1350, 11.7654, -40.4604



53.9780, 0.0108, -3.4887



78.1920, -5.0247, -68.5744



161.0630, -9.8911, -141.2523



# Inverse Universe

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



65.3500, 2.7855, 40.0351



73.2480, 4.3147, 62.9265



64.8650, -11.7654, 40.4604



52.1360, 0.4260, 3.3887



41.6940, 4.5879, 68.6744



85.9370, 9.8911, 141.2523



# Previews

## White Background



This preview shows how the YUV color 86.6500, -2.7854, -40.0350 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 86.6500, -2.7854, -40.0350 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

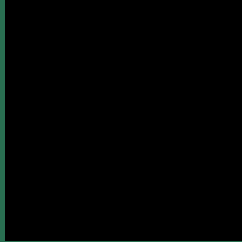
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 86.6500, -2.7854, -40.0350

## Background



This preview shows how black text looks on a background with the YUV color 86.6500, -2.7854, -40.0350.



This preview shows how white text looks on a background with the YUV color 86.6500, -2.7854,

-40.0350.

# 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

86.6500, -2.7854, -40.0350

### Protanopia

97.4710, -11.0782, 6.6029

### Deuteranopia

99.2420, -7.0213, 12.0658



## Tritanopia

91.7660, 11.4544, -33.9978

# Trichromacy



## Original Color

86.6500, -2.7854, -40.0350

## Protanomaly

93.7570, -8.2612, -10.3109

## Deuteranomaly

94.8760, -5.3619, -6.9073

## Tritanomaly

89.7890, 6.5130, -35.7720

# Monochromacy



## Original Color

86.6500, -2.7854, -40.0350

## Achromatopsia

87.0000, 0.0000, 0.0000

## Achromatomaly

86.9720, -0.9722, -14.8844

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 86.6500, -2.7854, -40.0350 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(41, 111, 81)` looks like.

```
.text, #text, p{  
    color:rgb(41, 111, 81)  
}
```

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(41, 111, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 111, 81) }
```

## Border

The CSS property to change the border of an element to YUV 86.6500, -2.7854, -40.0350 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(41, 111, 81) }
```



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

```
.border{ border-color:rgb(41, 111, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 111, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 111, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 111, 81);  
box-shadow:4px 4px 4px 4px rgb(41, 111,  
81) }
```

# Background

The CSS property to change the background color of an element to YUV 86.6500, -2.7854, -40.0350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 111, 81) }
```

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

```
.background{ background-color: rgb(41, 111,  
81) }
```

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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