

Converting Colors

YUV(84.8310, -40.8357,
-15.6378)

Have a look what the booklet for
YUV(84.8310, -40.8357, -15.6378)
contains.

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Color

**YUV(84.8310, -40.8357,
-15.6378)**

Conversions

Conversions Part 1

Format	Color
Hex	436E02
RGB	67, 110, 2
RGB Percent	26%, 43%, 1%
CMY	0.7373, 0.5686, 0.9922
CMYK	0.39, 0.00, 0.98, 0.57
HSL	84°, 96%, 22%
HSV	84°, 98%, 43%
XYZ	7.9016, 12.3495, 2.0247
YIQ	84.8310, 9.0400, -42.7040

Conversions

Conversions Part 2

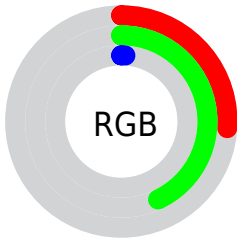
Format	Color
R_{YB}	2, 110, 45
Decimal	4419074
CIE _{Lab}	41.77, -30.77, 46.61
CIE _{LCh}	42, 55.853, 123.432
Yxy	12.3495, 0.3547, 0.5544
Android (android.graphics.Color)	4282609154 (0xFF436E02)
YUV	84.8310, -40.8357, -15.6378
Hunter-Lab	35.1419, -21.3628, 21.1834

Details

The YUV color **84.8310, -40.8357, -15.6378** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **27.1690, 40.8357, 15.6378**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9280, -37.9255, -15.7229**, and **39.9820, -19.7111, -24.5402** is the 20% darker color. If you saturate the color by 10%, you get **84.3040, -41.5619, -16.0526**, and if you desaturate by 10%, it is **87.2810, -36.6205, -14.2784**.

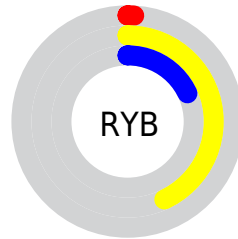
Distribution



Red (26%)

Green (43%)

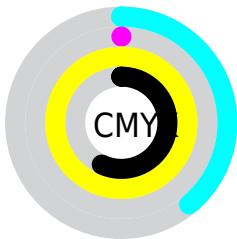
Blue (1%)



Red (1%)

Yellow (43%)

Blue (18%)

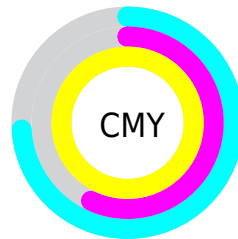


Cyan (39%)

Magenta (0%)

Yellow (98%)

Black (57%)



Cyan (74%)

Magenta (57%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8310, -40.8357, -15.6378 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 84.8310, -40.8357, -15.6378 by changing the saturation by 10% instead.

■ 84.8310, -40.8357,
-15.6378

■ 84.8310, -40.8357,
-15.6378

■ 254.6580, -1.3104,
0.2999

■ 62.1540, -30.6419,
-18.5521

■ 137.9280,
-37.9255, -15.7229

■ 39.9820, -19.7111,
-24.5402

■ 164.8140,
-38.3623, -15.6229

■ 23.4800, -11.5756,
-20.5920

■ 192.2870,
-39.0885, -16.0377

■ 7.0440, -3.4727,
-6.1776


■ 220.9450,
-40.3989, -15.7378


■ 0.0000, 0.0000,
0.0000


■ 237.9770,
-35.4847, -5.2418


■ 248.0460,


-26.6447, 6.0987


 251.3520,
-13.9775, 3.1993


 84.8310, -40.8357,
-15.6378


 84.8310, -40.8357,
-15.6378


 84.3040, -41.5619,
-16.0526

 87.2810, -36.6205,
-14.2784

 90.0300, -32.5528,
-12.3043

 92.4800, -28.3376,
-10.9450

 95.2290, -24.2699,
-8.9708

 97.6790, -20.0547,
-7.6115

■ 100.1290,
-15.8396, -6.2521

■ 102.8780,
-11.7719, -4.2780

■ 105.3280, -7.5567,
-2.9187

■ 107.7780, -3.3416,
-1.5593

Harmonies

Analogous

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



91.6120, -45.1647, 19.6343



84.8310, -40.8357, -15.6378



74.3620, -9.5455, -65.2155

Triad

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



84.8310, -40.8357, -15.6378



87.5520, 46.0699, -76.7831



91.6410, 1.6560, 75.7368

Complementary

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



84.8310, -40.8357, -15.6378



27.1690, 40.8357, 15.6378

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.



98.1230, 20.6454, 51.6351



84.8310, -40.8357, -15.6378



82.2350, 53.6211, -72.1201

Square

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



84.8310, -40.8357, -15.6378



86.7250, 30.2086, -76.0578



100.4680, 37.2373, 3.0976



92.4730, -20.4462, 71.4992

Rectangle

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



84.8310, -40.8357, -15.6378



79.7710, 3.5639, -69.9592



100.4680, 37.2373, 3.0976



93.4430, 8.6556, 70.6485

Sweetspot

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



84.8310, -40.8357, -15.6378



133.1290, -15.8396, -6.2521



58.3590, -27.7850, 45.2892



65.1600, -9.4459, -3.6483



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.



84.8310, -40.8357, -15.6378



109.6550, -54.0599, -20.7454



69.2830, -33.1705, -47.6062



54.7180, -2.3260, -0.6297



91.9680, -45.3402, -17.5119



189.5400, -93.4432, -35.5536

Inverse Universe

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



27.1690, 40.8357, 15.6378



33.3450, 54.0599, 20.7454



42.7170, 33.1705, 47.6062



51.5810, 2.1786, 1.2445



28.0320, 45.3402, 17.5119



57.4600, 93.4432, 35.5536

Previews

White Background



This preview shows how the YUV color 84.8310, -40.8357, -15.6378 looks on a white background.

Color Contrast Check

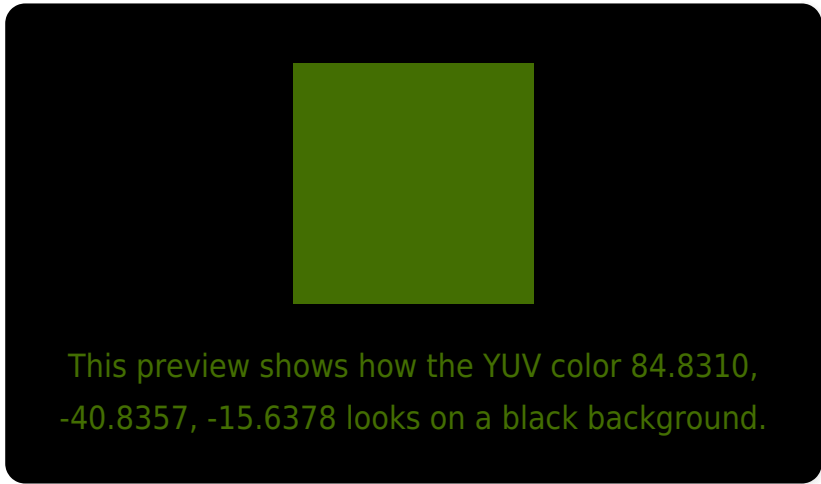
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 84.8310, -40.8357, -15.6378

Background



This preview shows how black text looks on a background with the YUV color 84.8310, -40.8357, -15.6378.



This preview shows how white text looks on a background with the YUV color 84.8310, -40.8357,

-15.6378.

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

84.8310, -40.8357, -15.6378

Protanopia

91.3020, -45.0119, 17.2751

Deuteranopia

94.1750, -35.5823, 26.1565



Tritanopia

96.0350, 6.8847, -14.9397

Trichromacy



Original Color

84.8310, -40.8357, -15.6378

Protanomaly

88.9800, -43.3741, 5.2795

Deuteranomaly

90.6200, -37.2807, 10.8573

Tritanomaly

92.1540, -10.4289, -15.0441

Monochromacy



Original Color

84.8310, -40.8357, -15.6378

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.7700, -14.6766, -5.9373

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8310, -40.8357, -15.6378 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(67, 110, 2)` looks like.

```
.text, #text, p{  
    color:rgb(67, 110, 2)  
}
```

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(67, 110, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 110, 2) }
```

Border

The CSS property to change the border of an element to YUV 84.8310, -40.8357, -15.6378 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(67, 110, 2) }
```


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

```
.border{ border-color:rgb(67, 110, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 110, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 110, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 110, 2);  
box-shadow:4px 4px 4px 4px rgb(67, 110, 2)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.8310, -40.8357, -15.6378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 110, 2) }
```

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

```
.background{ background-color: rgb(67, 110,  
2) }
```

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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