

Converting Colors

YUV(70.2840, -34.6500,
-39.7141)

Have a look what the booklet for
YUV(70.2840, -34.6500, -39.7141)
contains.

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Color

**YUV(70.2840, -34.6500,
-39.7141)**

Conversions

Conversions Part 1

Format	Color
Hex	196B00
RGB	25, 107, 0
RGB Percent	10%, 42%, 0%
CMY	0.9020, 0.5804, 1.0000
CMYK	0.77, 0.00, 1.00, 0.58
HSL	106°, 100%, 21%
HSV	106°, 100%, 42%
XYZ	5.6586, 10.7221, 1.7713
YIQ	70.2840, -14.5250, -50.6610

Conversions

Conversions Part 2

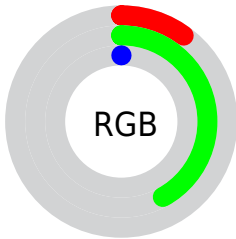
Format	Color
RYB	0, 107, 82
Decimal	1665792
CIELab	39.11, -42.30, 44.34
CIELCh	39, 61.279, 133.653
Yxy	10.7221, 0.3117, 0.5907
Android (android.graphics.Color)	4279855872 (0xFF196B00)
YUV	70.2840, -34.6500, -39.7141
Hunter-Lab	32.7446, -26.4563, 19.7139

Details

The YUV color **70.2840, -34.6500, -39.7141** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **36.7160, 34.6500, 39.7141**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.3600, -33.2085, -35.3957**, and **34.0460, -16.7847, -29.8583** is the 20% darker color. If you saturate the color by 10%, you get **70.2840, -34.6500, -39.7141**, and if you desaturate by 10%, it is **73.9300, -31.0245, -35.8956**.

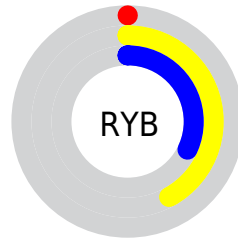
Distribution



Red (10%)

Green (42%)

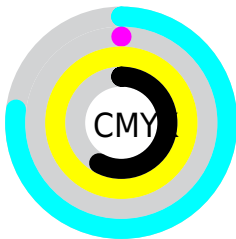
Blue (0%)



Red (0%)

Yellow (42%)

Blue (32%)

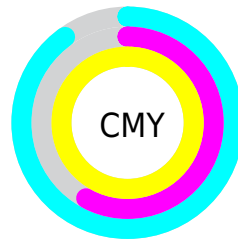


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (90%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.2840, -34.6500, -39.7141 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 70.2840, -34.6500, -39.7141 by changing the saturation by 10% instead.

■ 70.2840, -34.6500,
-39.7141

■ 70.2840, -34.6500,
-39.7141

■ 254.2020, -3.0576,
0.6998

■ 48.1340, -23.7301,
-42.2135

■ 125.3600,
-33.2085, -35.3957

■ 34.0460, -16.7847,
-29.8583

■ 152.8330,
-33.9347, -35.8105

■ 22.3060, -10.9969,
-19.5624

■ 180.6050,
-34.8083, -35.6106

■ 0.0000, 0.0000,
0.0000


■ 208.3770,
-35.6819, -35.4106


■ 226.8710,
-31.4884, -27.0739


■ 238.7340,


-23.5329, -12.0447


 250.8960,
-15.7247, 3.5992


 70.2840, -34.6500,
-39.7141

 73.9300, -31.0245,
-35.8956

 77.4620, -27.8358,
-31.9772

 81.4070, -24.3577,
-27.5439

 85.0530, -20.7321,
-23.7255

 88.6990, -17.1066,
-19.9070

■ 92.2310, -13.9179,
-15.9886

■ 95.8770, -10.2924,
-12.1701

■ 99.8220, -6.8142,
-7.7369

■ 103.3540, -3.6255,
-3.8185

Harmonies

Analogous

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



84.4470, -41.6324, 6.6240



70.2840, -34.6500, -39.7141



72.8120, -5.3303, -63.8561

Triad

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



70.2840, -34.6500, -39.7141



83.7680, 51.8794, -73.4645



77.2790, -2.6025, 88.3323

Complementary

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



70.2840, -34.6500, -39.7141



36.7160, 34.6500, 39.7141

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.



84.5600, 17.9649, 71.4229



70.2840, -34.6500, -39.7141



75.0770, 56.6570, -65.8425

Square

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



70.2840, -34.6500, -39.7141



83.9840, 37.4759, -73.6540



93.7310, 35.1356, 23.9149



83.6550, -29.9029, 71.3396

Rectangle

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



70.2840, -34.6500, -39.7141



77.3890, 9.6682, -67.8702



93.7310, 35.1356, 23.9149



77.0430, 5.4018, 87.6623

Sweetspot

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



70.2840, -34.6500, -39.7141



125.6440, -13.6285, -15.4738



78.9530, -38.9238, 24.5972



62.4690, -8.1192, -9.1813



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.



70.2840, -34.6500, -39.7141



92.0470, -45.3792, -51.7842



65.8870, -19.1713, -57.7829



51.8210, -1.8838, -2.4740



76.7520, -37.8387, -43.6325



160.8580, -79.3030, -91.0835

Inverse Universe

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



36.7160, 34.6500, 39.7141



47.9530, 45.3792, 51.7842



41.1130, 19.1713, 57.7829



49.8800, 2.0312, 1.8592



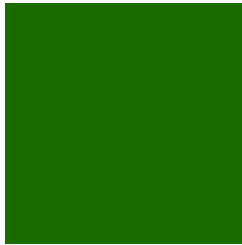
40.2480, 37.8387, 43.6325



84.1420, 79.3030, 91.0835

Previews

White Background



This preview shows how the YUV color 70.2840, -34.6500, -39.7141 looks on a white background.

Color Contrast Check

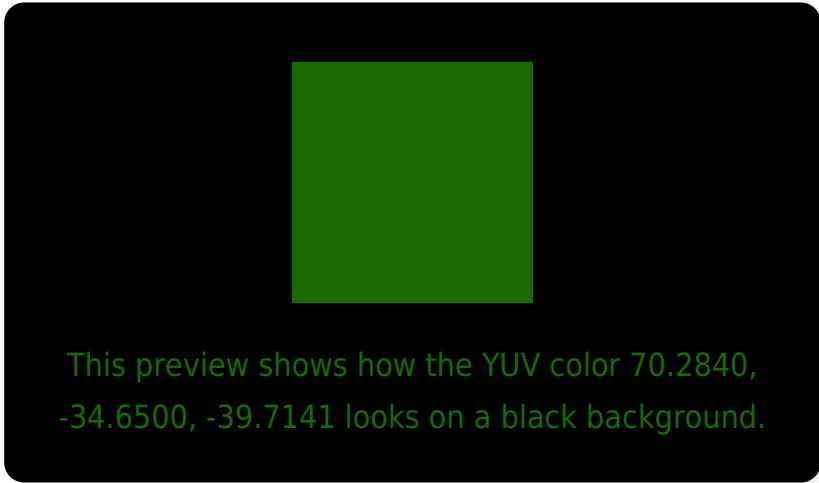
Large Text (above 18pt) WCAG AA ✓ Pass

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

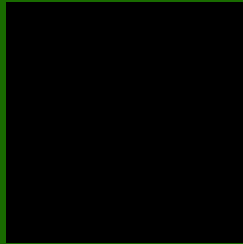
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.2840, -34.6500, -39.7141

Background



This preview shows how black text looks on a background with the YUV color 70.2840, -34.6500, -39.7141.



This preview shows how white text looks on a background with the YUV color 70.2840, -34.6500, -39.7141.

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

70.2840, -34.6500, -39.7141

Protanopia

85.1000, -41.9543, 16.5753

Deuteranopia

88.3750, -32.2299, 24.2271



Tritanopia

85.3750, 11.1541, -31.0239

Trichromacy



Original Color

70.2840, -34.6500, -39.7141

Protanomaly

79.3640, -39.1265, -3.8272

Deuteranomaly

81.7050, -32.8856, 1.1357

Tritanomaly

79.9990, -5.4225, -34.2021

Monochromacy



Original Color

70.2840, -34.6500, -39.7141

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9970, -12.3235, -14.0294

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.2840, -34.6500, -39.7141 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(25, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(25, 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(25, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 107, 0) }
```

Border

The CSS property to change the border of an element to YUV 70.2840, -34.6500, -39.7141 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(25, 107, 0) }
```


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

```
.border{ border-color:rgb(25, 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(25, 107, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(25, 107, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.2840, -34.6500, -39.7141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 107, 0) }
```

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

```
.background{ background-color: rgb(25, 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](#).

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