

# Converting Colors

YUV(69.8240, -33.4372, -8.6156)

Have a look what the booklet for  
YUV(69.8240, -33.4372, -8.6156)  
contains.

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# Color

**YUV(69.8240, -33.4372,  
-8.6156)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C5802
RGB	60, 88, 2
RGB Percent	24%, 35%, 1%
CMY	0.7647, 0.6549, 0.9922
CMYK	0.32, 0.00, 0.98, 0.65
HSL	80°, 96%, 18%
HSV	80°, 98%, 35%
XYZ	5.3642, 7.9445, 1.3082
YIQ	69.8240, 10.9180, -32.6820

# Conversions

## Conversions Part 2

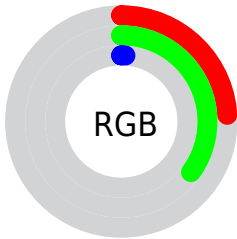
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 88, 30
Decimal	3954690
CIE <sub>Lab</sub>	33.87, -23.15, 40.17
CIE <sub>LCh</sub>	34, 46.366, 119.959
Yxy	7.9445, 0.3670, 0.5435
Android (android.graphics.Color)	4282144770 (0xFF3C5802)
YUV	69.8240, -33.4372, -8.6156
Hunter-Lab	28.1860, -15.3546, 16.9784

# Details

The YUV color **69.8240, -33.4372, -8.6156** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **20.1760, 33.4372, 8.6156**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.5790, -31.8374, -8.4008**, and **27.3450, -13.4811, -16.0886** is the 20% darker color. If you saturate the color by 10%, you get **69.2970, -34.1634, -9.0305**, and if you desaturate by 10%, it is **71.7470, -29.9483, -7.6711**.

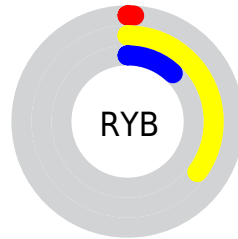
# Distribution



Red (24%)

Green (35%)

Blue (1%)



Red (1%)

Yellow (35%)

Blue (12%)

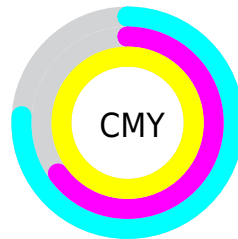


Cyan (32%)

Magenta (0%)

Yellow (98%)

Black (65%)



Cyan (76%)

Magenta (65%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 69.8240, -33.4372, -8.6156 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 69.8240, -33.4372, -8.6156 by changing the saturation by 10% instead.



■ 69.8240, -33.4372,  
-8.6156

■ 69.8240, -33.4372,  
-8.6156

■ 253.6320, -5.2416,  
1.1997

■ 48.6310, -23.9751,  
-10.2004

■ 120.5790,  
-31.8374, -8.4008

■ 27.3450, -13.4811,  
-16.0886

■ 146.3510,  
-32.7110, -8.2008

■ 12.9140, -6.3666,  
-11.3256

■ 173.8240,  
-33.4372, -8.6156


■ 0.0000, 0.0000,  
0.0000


■ 201.5960,  
-34.3108, -8.4157


■ 229.6670,  
-35.3318, -7.6010


■ 245.6390,


-29.4020, 3.8246


 250.3260,  
-17.9087, 4.0991


 69.8240, -33.4372,  
-8.6156


 69.8240, -33.4372,  
-8.6156


 69.2970, -34.1634,  
-9.0305

 71.7470, -29.9483,  
-7.6711

 73.6700, -26.4593,  
-6.7266

 75.4790, -23.4071,  
-5.6821

 77.1030, -19.7708,  
-5.3523

 79.0260, -16.2818,  
-4.4078

■ 80.9490, -12.7929,  
-3.4633

■ 82.8720, -9.3039,  
-2.5187

■ 84.6810, -6.2517,  
-1.4742

■ 86.6040, -2.7628,  
-0.5297

# Harmonies

## Analogous

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



74.7890, -36.8710, 19.4790



69.8240, -33.4372, -8.6156



59.7380, -9.7308, -52.3902

# Triad

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



69.8240, -33.4372, -8.6156



70.8930, 35.5488, -62.1732



75.4710, 2.7258, 59.2229

# Complementary

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



69.8240, -33.4372, -8.6156



20.1760, 33.4372, 8.6156

# 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.



80.6390, 17.9260, 37.1506



69.8240, -33.4372, -8.6156



66.8640, 42.9580, -58.6397

# Square

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



69.8240, -33.4372, -8.6156



69.4620, 22.4502, -60.9182



80.5290, 31.2912, -3.0949



75.1770, -14.8773, 58.6038



# Rectangle

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



69.8240, -33.4372, -8.6156



63.8760, 1.0471, -56.0193



80.5290, 31.2912, -3.0949



76.9310, 8.4150, 54.4345

# Sweetspot

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



69.8240, -33.4372, -8.6156



107.8350, -13.2297, -3.3633



43.5630, -20.4906, 38.9712



54.5130, -8.1409, -2.2039



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000



# Same Dimension

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



69.8240, -33.4372, -8.6156



90.5280, -44.6303, -11.8641



57.2660, -27.2461, -34.4363



42.2450, -1.5998, -0.2149



84.3370, -41.5781, -10.8195



185.1870, -91.2972, -23.8430



# Inverse Universe

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



20.1760, 33.4372, 8.6156



24.1730, 44.7777, 11.2493



32.7340, 27.2461, 34.4363



39.7550, 1.5998, 0.2149



22.6630, 41.5781, 10.8195

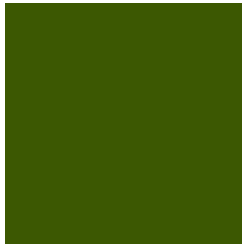


49.5140, 91.4446, 23.2282



# Previews

## White Background



This preview shows how the YUV color 69.8240, -33.4372, -8.6156 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

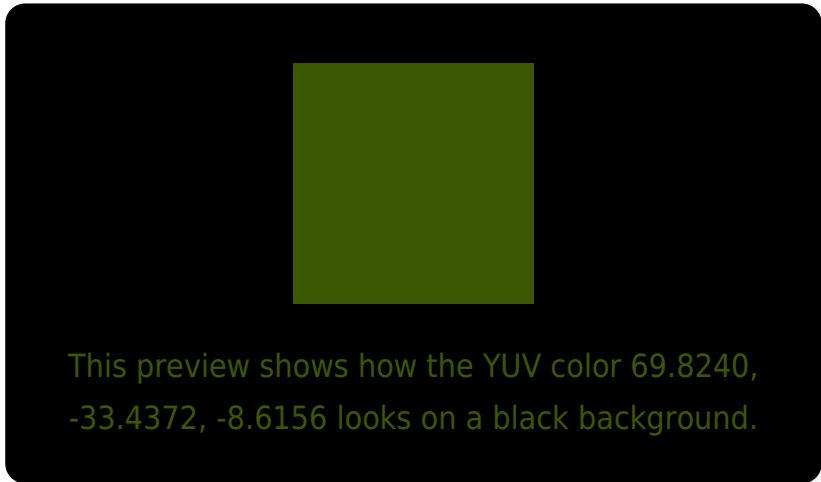
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 69.8240, -33.4372, -8.6156

## Background



This preview shows how black text looks on a background with the YUV color 69.8240, -33.4372, -8.6156.



This preview shows how white text looks on a background with the YUV color 69.8240, -33.4372, -8.6156.

-8.6156.

# 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

69.8240, -33.4372, -8.6156

### Protanopia

73.8700, -36.4179, 14.1460

### Deuteranopia

76.4500, -29.3088, 20.6533



## Tritanopia

78.7970, 4.5371, -8.5920

# Trichromacy



## Original Color

69.8240, -33.4372, -8.6156

## Protanomaly

72.4560, -35.2278, 5.7391

## Deuteranomaly

73.7430, -30.4393, 9.8724

## Tritanomaly

75.5400, -9.1402, -8.3666

# Monochromacy



## Original Color

69.8240, -33.4372, -8.6156

## Achromatopsia

70.0000, 0.0000, 0.0000

## Achromatomaly

70.0630, -12.3561, -3.5633

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 69.8240, -33.4372, -8.6156 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(60, 88, 2)` looks like.

```
.text, #text, p{  
    color:rgb(60, 88, 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(60, 88, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 88, 2) }
```

## Border

The CSS property to change the border of an element to YUV 69.8240, -33.4372, -8.6156 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(60, 88, 2) }
```



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

```
.border{ border-color:rgb(60, 88, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 88, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 88, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(60, 88, 2); box-shadow:4px  
4px 4px 4px rgb(60, 88, 2) }
```

# Background

The CSS property to change the background color of an element to YUV 69.8240, -33.4372, -8.6156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 88, 2) }
```

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

```
.background{ background-color: rgb(60, 88,  
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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