

# Converting Colors

YUV(39.6530, -10.6749,  
-29.5137)

Have a look what the booklet for  
YUV(39.6530, -10.6749, -29.5137)  
contains.

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# Color

**YUV(39.6530, -10.6749,  
-29.5137)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	063D12
RGB	6, 61, 18
RGB Percent	2%, 24%, 7%
CMY	0.9765, 0.7608, 0.9294
CMYK	0.90, 0.00, 0.70, 0.76
HSL	133°, 82%, 13%
HSV	133°, 90%, 24%
XYZ	1.8530, 3.4199, 1.1347
YIQ	39.6530, -18.9770, -25.0330

# Conversions

## Conversions Part 2

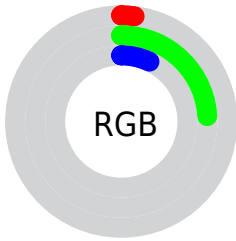
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 51, 61
Decimal	408850
CIELab	21.65, -27.72, 21.23
CIELCh	22, 34.921, 142.554
Yxy	3.4199, 0.2892, 0.5337
Android (android.graphics.Color)	4278598930 (0xFF063D12)
YUV	39.6530, -10.6749, -29.5137
Hunter-Lab	18.4929, -14.4765, 9.3071

# Details

The YUV color **39.6530, -10.6749, -29.5137** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **27.3470, 10.6749, 29.5137**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.6920, -13.1592, -26.0399**, and **6.4570, -3.1833, -5.6628** is the 20% darker color. If you saturate the color by 10%, you get **37.2890, -11.9745, -32.7025**, and if you desaturate by 10%, it is **42.0170, -9.3754, -26.3249**.

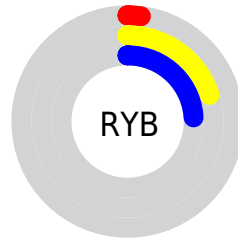
# Distribution



Red (2%)

Green (24%)

Blue (7%)



Red (2%)

Yellow (20%)

Blue (24%)

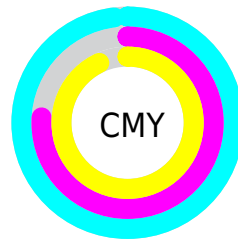


Cyan (90%)

Magenta (0%)

Yellow (70%)

Black (76%)



Cyan (98%)

Magenta (76%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 39.6530, -10.6749, -29.5137 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 39.6530, -10.6749, -29.5137 by changing the saturation by 10% instead.



■ 39.6530, -10.6749,  
-29.5137

■ 39.6530, -10.6749,  
-29.5137

■ 251.5820, -2.7519,  
-4.0184

■ 22.8930, -11.2862,  
-20.0772

■ 88.6920, -13.1592,  
-26.0399

■ 6.4570, -3.1833,  
-5.6628

■ 114.1650,  
-13.8853, -26.4547

■ 0.0000, 0.0000,  
0.0000


■ 139.9370,  
-14.7589, -26.2547


■ 166.5240,  
-15.0483, -26.7695


■ 193.9970,  
-15.7745, -27.1844


■ 222.1710,


-16.3533, -28.2140


 239.6050,  
-11.1443, -18.9476


 39.6530, -10.6749,  
-29.5137


 39.6530, -10.6749,  
-29.5137


 37.2890, -11.9745,  
-32.7025

 42.0170, -9.3754,  
-26.3249

 44.3810, -8.0758,  
-23.1361

 46.6310, -7.2131,  
-19.8474

 48.9950, -5.9135,  
-16.6586

 51.6580, -4.7614,  
-12.8551

■ 54.0220, -3.4618,  
-9.6663

■ 56.2720, -2.5991,  
-6.3775

■ 58.6360, -1.2995,  
-3.1888

■ 61.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



46.6260, -22.9866, -0.5490



39.6530, -10.6749, -29.5137



41.9970, 0.9875, -36.8314

# Triad

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



39.6530, -10.6749, -29.5137



45.2010, 28.4949, -39.6413



48.7280, -7.2609, 42.3345

# Complementary

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



39.6530, -10.6749, -29.5137



27.3470, 10.6749, 29.5137

# 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.



49.5070, 4.6800, 39.0204



39.6530, -10.6749, -29.5137



50.6390, 24.3350, -11.9614

# Square

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



39.6530, -10.6749, -29.5137



46.9960, 22.6800, -41.2155



52.8450, 15.3594, 20.3069



48.7580, -19.6007, 33.5382



# Rectangle

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



39.6530, -10.6749, -29.5137



44.6360, 8.5605, -39.1458



52.8450, 15.3594, 20.3069



48.1780, -3.0458, 43.6939

# Sweetspot

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



39.6530, -10.6749, -29.5137



70.7830, -4.3300, -11.2107



51.1420, -22.2550, -1.8785



35.9730, -2.4517, -6.9923



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000



# Same Dimension

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



39.6530, -10.6749, -29.5137



48.3110, -15.4363, -42.3687



42.7310, 1.1186, -32.2131



29.7610, -0.8682, -1.5444



57.5720, -18.0300, -50.4906



135.7860, -43.2785, -119.0843



# Inverse Universe

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



27.3470, 10.6749, 29.5137



30.6890, 15.4363, 42.3687



24.2690, -1.1186, 32.2131



29.1250, 0.4314, 1.6444



36.5420, 18.4668, 50.3907

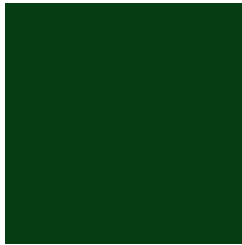


86.1000, 42.8417, 119.1843



# Previews

## White Background



This preview shows how the YUV color 39.6530, -10.6749, -29.5137 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

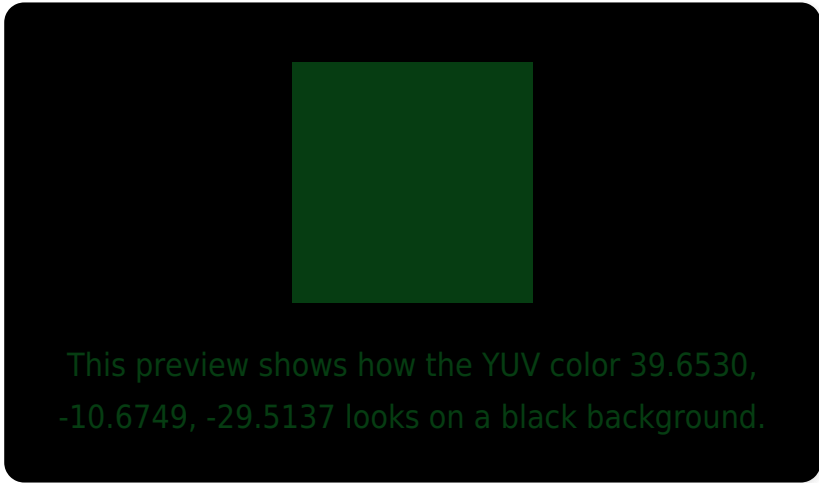
Any Text WCAG AA ✓ Pass

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

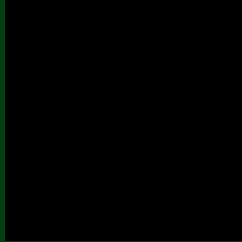
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 39.6530, -10.6749, -29.5137

## Background



This preview shows how black text looks on a background with the YUV color 39.6530, -10.6749, -29.5137.



This preview shows how white text looks on a background with the YUV color 39.6530, -10.6749, -29.5137.

-29.5137.

# 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

39.6530, -10.6749, -29.5137

### Protanopia

49.9890, -16.7566, 7.9026

### Deuteranopia

51.2930, -14.4414, 12.0210



## Tritanopia

48.0020, 6.9010, -20.1728

# Trichromacy



## Original Color

39.6530, -10.6749, -29.5137

## Protanomaly

46.1830, -14.3872, -5.4225

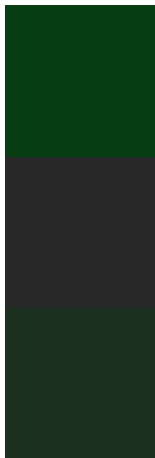
## Deuteranomaly

47.2480, -12.9403, -2.8485

## Tritanomaly

44.6720, 0.6547, -23.3913

# Monochromacy



## Original Color

39.6530, -10.6749, -29.5137

## Achromatopsia

40.0000, 0.0000, 0.0000

## Achromatomaly

40.1960, -4.0406, -10.6959

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 39.6530, -10.6749, -29.5137 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(6, 61, 18)` looks like.

```
.text, #text, p{  
    color:rgb(6, 61, 18)  
}
```

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(6, 61, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 61, 18) }
```

## Border

The CSS property to change the border of an element to YUV 39.6530, -10.6749, -29.5137 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(6, 61, 18) }
```



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

```
.border{ border-color:rgb(6, 61, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 61, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 61, 18); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 61, 18); box-shadow:4px  
4px 4px 4px rgb(6, 61, 18) }
```

# Background

The CSS property to change the background color of an element to YUV 39.6530, -10.6749, -29.5137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 61, 18) }
```

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

```
.background{ background-color: rgb(6, 61,  
18) }
```

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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