

# Converting Colors

YUV(35.5450, -13.5797,  
-31.1730)

Have a look what the booklet for  
YUV(35.5450, -13.5797, -31.1730)  
contains.

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# Color

**YUV(35.5450, -13.5797,  
-31.1730)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	003B08
RGB	0, 59, 8
RGB Percent	0%, 23%, 3%
CMY	1.0000, 0.7686, 0.9686
CMYK	1.00, 0.00, 0.86, 0.77
HSL	128°, 100%, 12%
HSV	128°, 100%, 23%
XYZ	1.6078, 3.1455, 0.7521
YIQ	35.5450, -18.7930, -28.3690

# Conversions

## Conversions Part 2

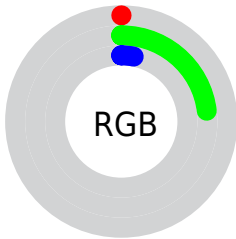
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 52, 59
Decimal	15112
CIELab	20.62, -29.48, 24.79
CIELCh	21, 38.518, 139.942
Yxy	3.1455, 0.2920, 0.5713
Android (android.graphics.Color)	4278205192 (0xFF003B08)
YUV	35.5450, -13.5797, -31.1730
Hunter-Lab	17.7354, -14.8552, 9.9004

# Details

The YUV color **35.5450, -13.5797, -31.1730** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **23.4550, 13.5797, 31.1730**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.2960, -15.9219, -26.5696**, and **2.3480, -1.1576, -2.0592** is the 20% darker color. If you saturate the color by 10%, you get **35.5450, -13.5797, -31.1730**, and if you desaturate by 10%, it is **37.9090, -12.2801, -27.9842**.

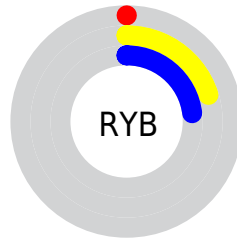
# Distribution



Red (0%)

Green (23%)

Blue (3%)



Red (0%)

Yellow (20%)

Blue (23%)

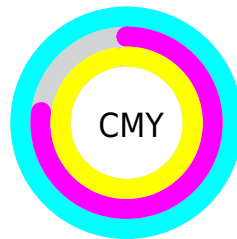


Cyan (100%)

Magenta (0%)

Yellow (86%)

Black (77%)



Cyan (100%)

Magenta (77%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 35.5450, -13.5797, -31.1730 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 35.5450, -13.5797, -31.1730 by changing the saturation by 10% instead.



■ 35.5450, -13.5797,  
-31.1730

■ 35.5450, -13.5797,  
-31.1730

■ 249.2460, -6.5303,  
-5.4777

■ 21.7190, -10.7075,  
-19.0476

■ 85.2960, -15.9219,  
-26.5696

■ 2.3480, -1.1576,  
-2.0592

■ 110.7690,  
-16.6481, -26.9844

■ 0.0000, 0.0000,  
0.0000


■ 136.5410,  
-17.5217, -26.7845


■ 163.0140,  
-18.2479, -27.1993


■ 190.6010,  
-18.5373, -27.7141


■ 218.7750,


-19.1161, -28.7437


 237.5680,  
-15.0700, -19.7921


 35.5450, -13.5797,  
-31.1730

 37.9090, -12.2801,  
-27.9842

 40.2730, -10.9806,  
-24.7954

 42.6370, -9.6810,  
-21.6066

 45.0010, -8.3815,  
-18.4179

 47.1800, -6.4977,  
-15.9439

■ 49.5440, -5.1982,  
-12.7551

■ 51.9080, -3.8986,  
-9.5663

■ 54.2720, -2.5991,  
-6.3775

■ 56.6360, -1.2995,  
-3.1888

# Harmonies

## Analogous

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



45.1530, -22.2604, -0.1342



35.5450, -13.5797, -31.1730



40.2530, -0.6177, -35.3019

# Triad

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



35.5450, -13.5797, -31.1730



44.9560, 30.0947, -39.4264



43.5160, -5.6774, 47.7825

# Complementary

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



35.5450, -13.5797, -31.1730



23.4550, 13.5797, 31.1730

# 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.



45.2240, 7.2846, 43.6536



35.5450, -13.5797, -31.1730



45.3220, 28.4353, -20.4534

# Square

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



35.5450, -13.5797, -31.1730



46.4090, 22.9694, -40.7007



50.4150, 17.5434, 19.8070



45.6230, -21.5061, 38.0416



# Rectangle

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



35.5450, -13.5797, -31.1730



43.1200, 7.8288, -37.8162



50.4150, 17.5434, 19.8070



43.1940, -0.5886, 48.9419

# Sweetspot

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



35.5450, -13.5797, -31.1730



67.8430, -5.3456, -12.1403



49.8820, -24.5918, 0.9805



32.4460, -3.1779, -7.4071



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000



# Same Dimension

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



35.5450, -13.5797, -31.1730



46.3390, -17.9151, -40.6393



38.8510, -0.9125, -34.0723



29.7610, -0.8682, -1.5444



56.6600, -21.5244, -49.6908



133.7340, -51.1409, -117.2847



# Inverse Universe

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



23.4550, 13.5797, 31.1730



30.5470, 17.4783, 40.7393



20.1490, 0.9125, 34.0723



29.1250, 0.4314, 1.6444



37.4540, 21.9612, 49.5908

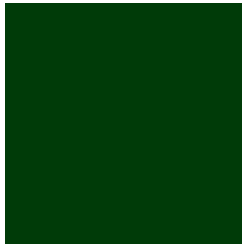


88.2660, 51.1409, 117.2847



# Previews

## White Background



This preview shows how the YUV color 35.5450, -13.5797, -31.1730 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

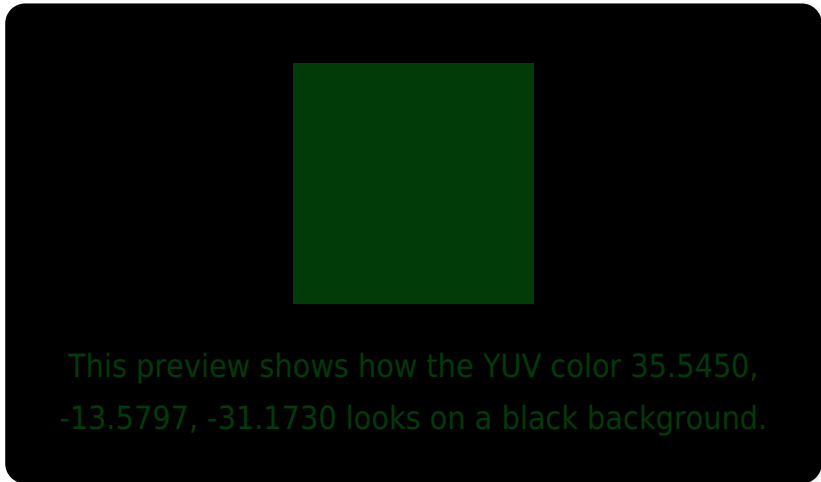
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

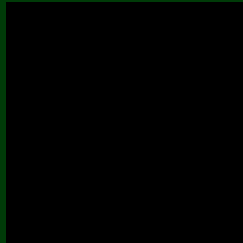
Any Text WCAG AA × Fail

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 35.5450, -13.5797, -31.1730 Background



This preview shows how black text looks on a background with the YUV color 35.5450, -13.5797, -31.1730.



This preview shows how white text looks on a background with the YUV color 35.5450, -13.5797,

-31.1730.

# 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



### Protanopia

47.5500, -20.9771, 8.2877

### Deuteranopia

48.7230, -16.6254, 12.5209

### Tritanopia

46.4860, 6.1694, -18.8432

# Trichromacy



## Protanomaly

43.1460, -18.3130, -6.2670

## Deuteranomaly

43.8520, -15.7030, -3.3782

## Tritanomaly

42.2160, -1.0925, -22.9914

# Monochromacy



## Achromatopsia

36.0000, 0.0000, 0.0000

## Achromatomaly

35.6690, -4.7668, -11.1107

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 35.5450, -13.5797, -31.1730 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(0, 59, 8)` looks like.

```
.text, #text, p{  
    color:rgb(0, 59, 8)  
}
```

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(0, 59, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 59, 8) }
```

## Border

The CSS property to change the border of an element to YUV 35.5450, -13.5797, -31.1730 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(0, 59, 8) }
```

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

```
.border{ border-color:rgb(0, 59, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 59, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 59, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 59, 8); box-shadow:4px  
4px 4px 4px rgb(0, 59, 8) }
```



# Background

The CSS property to change the background color of an element to YUV 35.5450, -13.5797, -31.1730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 59, 8) }
```

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

```
.background{ background-color: rgb(0, 59,  
8) }
```

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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