

# Converting Colors

YUV(51.1550, -18.8104,  
-33.4619)

Have a look what the booklet for  
YUV(51.1550, -18.8104, -33.4619)  
contains.

<b>YUV(51.1550, -18.8104, -33.4619)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	22
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**YUV(51.1550, -18.8104,  
-33.4619)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D4E0D
RGB	13, 78, 13
RGB Percent	5%, 31%, 5%
CMY	0.9490, 0.6941, 0.9490
CMYK	0.83, 0.00, 0.83, 0.69
HSL	120°, 71%, 18%
HSV	120°, 83%, 31%
XYZ	2.9630, 5.5634, 1.2984
YIQ	51.1550, -17.8750, -33.9950

# Conversions

## Conversions Part 2

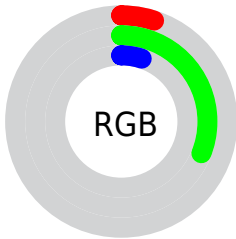
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 78, 78
Decimal	871949
CIELab	28.28, -33.51, 30.66
CIELCh	28, 45.420, 137.548
Yxy	5.5634, 0.3016, 0.5663
Android (android.graphics.Color)	4279062029 (0xFF0D4E0D)
YUV	51.1550, -18.8104, -33.4619
Hunter-Lab	23.5869, -18.8536, 13.2469

# Details

The YUV color **51.1550, -18.8104, -33.4619** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **39.8450, 18.8104, 33.4619**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.6070, -21.0053, -29.4733**, and **20.5450, -10.1287, -18.0180** is the 20% darker color. If you saturate the color by 10%, you get **47.8510, -21.1255, -37.5803**, and if you desaturate by 10%, it is **54.4590, -16.4953, -29.3435**.

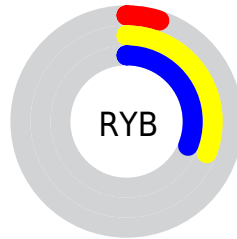
# Distribution



Red (5%)

Green (31%)

Blue (5%)



Red (5%)

Yellow (31%)

Blue (31%)

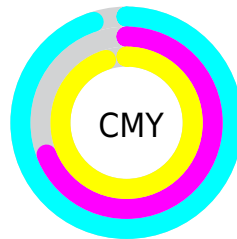


Cyan (83%)

Magenta (0%)

Yellow (83%)

Black (69%)



Cyan (95%)

Magenta (69%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 51.1550, -18.8104, -33.4619 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 51.1550, -18.8104, -33.4619 by changing the saturation by 10% instead.



■ 51.1550, -18.8104,  
-33.4619

■ 51.1550, -18.8104,  
-33.4619

■ 253.9740, -3.9312,  
0.8998

■ 31.6980, -15.6271,  
-27.7991

■ 102.6070,  
-21.0053, -29.4733

■ 20.5450, -10.1287,  
-18.0180

■ 128.3790,  
-21.8788, -29.2734

■ 0.0000, 0.0000,  
0.0000


■ 154.8520,  
-22.6050, -29.6882


■ 182.3250,  
-23.3312, -30.1030


■ 210.7980,  
-24.0574, -30.5178


■ 232.2270,


-21.3109, -24.7551


 243.7910,  
-13.2080, -10.3407


 51.1550, -18.8104,  
-33.4619


 51.1550, -18.8104,  
-33.4619


 47.8510, -21.1255,  
-37.5803


 54.4590, -16.4953,  
-29.3435

 45.7860, -22.5725,  
-40.1543

 57.7630, -14.1802,  
-25.2252

 60.6540, -12.1544,  
-21.6216

 63.9580, -9.8393,  
-17.5032

 67.2620, -7.5242,  
-13.3848

■ 70.5660, -5.2090,  
-9.2664

■ 73.8700, -2.8939,  
-5.1480

■ 76.7610, -0.8682,  
-1.5444

■ 80.0650, 1.4470,  
2.5740

# Harmonies

## Analogous

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



60.5140, -29.8334, 2.1802



51.1550, -18.8104, -33.4619



53.2470, -1.6008, -46.6976

# Triad

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



51.1550, -18.8104, -33.4619



59.4150, 37.2634, -52.1070



59.5930, -5.7153, 59.9929

# Complementary

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



51.1550, -18.8104, -33.4619



39.8450, 18.8104, 33.4619

# 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.



62.6640, 10.0256, 51.1607



51.1550, -18.8104, -33.4619



60.0200, 36.4721, -31.5895

# Square

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



51.1550, -18.8104, -33.4619



60.9990, 28.1015, -53.4961



68.3920, 22.4847, 21.5812



62.4070, -23.8647, 47.8781



# Rectangle

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



51.1550, -18.8104, -33.4619



56.6840, 9.0298, -49.7119



68.3920, 22.4847, 21.5812



59.6730, -0.3318, 59.9228

# Sweetspot

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



51.1550, -18.8104, -33.4619



91.6750, -7.2348, -12.8700



70.5900, -28.3919, 6.4986



44.8050, -4.3409, -7.7220



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000



# Same Dimension

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



51.1550, -18.8104, -33.4619



59.8740, -29.5179, -52.5095



54.9170, -4.3961, -36.7612



36.3480, -1.1576, -2.0592



135.0100, -66.5599, -118.4038

# Inverse Universe

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



39.8450, 18.8104, 33.4619



42.1260, 29.5179, 52.5095



36.1970, 4.8329, 36.6612



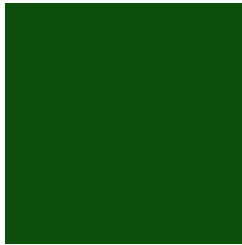
35.6520, 1.1576, 2.0592



94.9900, 66.5599, 118.4038

# Previews

## White Background



This preview shows how the YUV color 51.1550, -18.8104, -33.4619 looks on a white background.

## Color Contrast Check

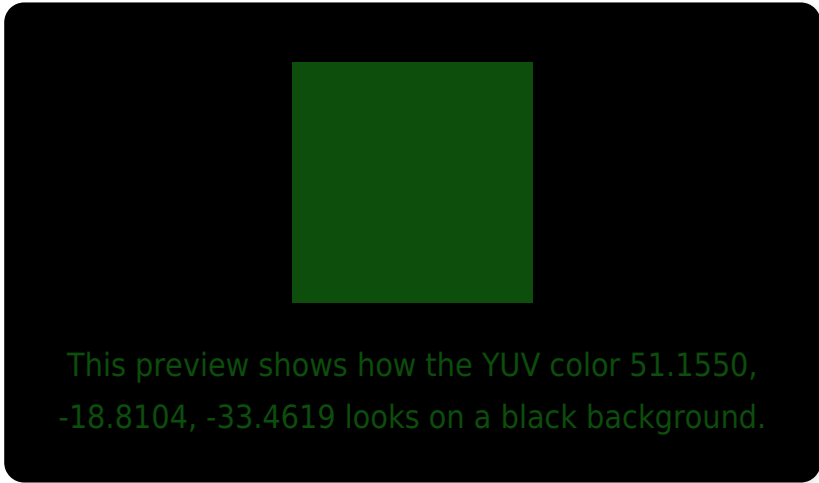
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.1550, -18.8104, -33.4619

## Background



This preview shows how black text looks on a background with the YUV color 51.1550, -18.8104, -33.4619.



This preview shows how white text looks on a background with the YUV color 51.1550, -18.8104,



-33.4619.

# 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

51.1550, -18.8104, -33.4619

### Protanopia

62.8940, -26.0767, 10.6170

### Deuteranopia

64.4910, -21.4411, 17.1094



## Tritanopia

61.9090, 7.9329, -24.4762

# Trichromacy



## Original Color

51.1550, -18.8104, -33.4619

## Protanomaly

58.4790, -23.4071, -5.6821

## Deuteranomaly

59.3100, -20.3658, -1.1489

## Tritanomaly

57.9550, -1.9498, -28.0245

# Monochromacy



## Original Color

51.1550, -18.8104, -33.4619

## Achromatopsia

51.0000, 0.0000, 0.0000

## Achromatomaly

51.0880, -6.9454, -12.3552

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 51.1550, -18.8104, -33.4619 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(13, 78, 13)` looks like.

```
.text, #text, p{  
    color:rgb(13, 78, 13)  
}
```

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(13, 78, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 78, 13) }
```

## Border

The CSS property to change the border of an element to YUV 51.1550, -18.8104, -33.4619 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(13, 78, 13) }
```

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

```
.border{ border-color:rgb(13, 78, 13) }
```

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

Here you see how a box with a 4 pixel rgb(13, 78, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 78, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 78, 13);  
box-shadow:4px 4px 4px 4px rgb(13, 78, 13)  
}
```

# Background

The CSS property to change the background color of an element to YUV 51.1550, -18.8104, -33.4619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 78, 13) }
```

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

```
.background{ background-color: rgb(13, 78,  
13) }
```

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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