

# Converting Colors

YUV(95.6350, -47.1481,  
-44.4069)

Have a look what the booklet for  
YUV(95.6350, -47.1481, -44.4069)  
contains.

<b>YUV(95.6350, -47.1481, -44.4069)</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> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	30

# Color

**YUV(95.6350, -47.1481,  
-44.4069)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2D8C00
RGB	45, 140, 0
RGB Percent	18%, 55%, 0%
CMY	0.8235, 0.4510, 1.0000
CMYK	0.68, 0.00, 1.00, 0.45
HSL	101°, 100%, 27%
HSV	101°, 100%, 55%
XYZ	10.4603, 19.3141, 3.1767
YIQ	95.6350, -11.6800, -63.6800

# Conversions

## Conversions Part 2

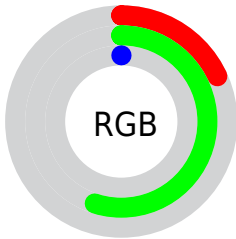
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 140, 95
Decimal	2984960
CIELab	51.05, -49.41, 54.04
CIELCh	51, 73.222, 132.438
Yxy	19.3141, 0.3174, 0.5861
Android (android.graphics.Color)	4281175040 (0xFF2D8C00)
YUV	95.6350, -47.1481, -44.4069
Hunter-Lab	43.9478, -34.4227, 26.4778

# Details

The YUV color **95.6350, -47.1481, -44.4069** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **44.3650, 47.1481, 44.4069**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.4980, -42.6435, -42.5327**, and **51.6560, -25.4664, -45.3023** is the 20% darker color. If you saturate the color by 10%, you get **95.6350, -47.1481, -44.4069**, and if you desaturate by 10%, it is **100.2210, -42.5070, -39.6588**.

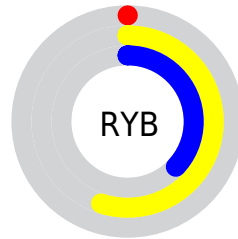
# Distribution



Red (18%)

Green (55%)

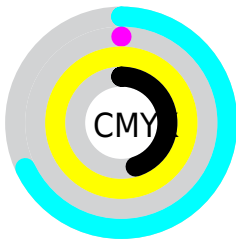
Blue (0%)



Red (0%)

Yellow (55%)

Blue (37%)

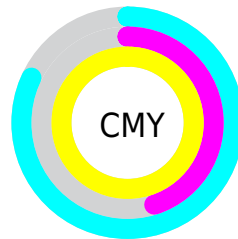


Cyan (68%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (82%)

Magenta (45%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 95.6350, -47.1481, -44.4069 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 95.6350, -47.1481, -44.4069 by changing the saturation by 10% instead.



■ 95.6350, -47.1481,  
-44.4069

■ 95.6350, -47.1481,  
-44.4069

255.0000, 0.0000,  
0.0000

■ 66.9180, -32.9906,  
-58.6871

■ 153.4980,  
-42.6435, -42.5327

■ 51.6560, -25.4664,  
-45.3023

■ 181.6830,  
-43.2277, -41.8180

■ 37.5680, -18.5210,  
-32.9471

■ 210.3410,  
-44.5381, -41.5181

■ 25.2410, -12.4438,  
-22.1364

■ 223.9650,  
-37.4507, -28.0333

■ 4.1090, -2.0257,  
-3.6036


■ 235.7140,  
-29.9320, -12.9042


■ 0.0000, 0.0000,  
0.0000


■ 247.9900,

-21.6871, 2.6398


 252.4920, -9.6096,  
2.1995


 95.6350, -47.1481,  
-44.4069

 100.2210,  
-42.5070, -39.6588

 104.5080,  
-37.7184, -35.5255

 109.0940,  
-33.0773, -30.7774

 113.3810,  
-28.2888, -26.6441

 117.9670,  
-23.6477, -21.8961

■ 122.2540,  
-18.8592, -17.7628

■ 126.8400,  
-14.2181, -13.0147

■ 131.1270, -9.4296,  
-8.8814

■ 135.7130, -4.7885,  
-4.1333

# Harmonies

## Analogous

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



111.6250, -55.0311, 10.8529



95.6350, -47.1481, -44.4069



94.9360, -6.8704, -83.2589

# Triad

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



95.6350, -47.1481, -44.4069



109.1810, 65.4798, -95.7517



104.7100, -2.8150, 109.8793

# Complementary

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



95.6350, -47.1481, -44.4069



44.3650, 47.1481, 44.4069

# 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.



113.7390, 23.2997, 87.0519



95.6350, -47.1481, -44.4069



98.9570, 71.9992, -86.7853

# Square

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



95.6350, -47.1481, -44.4069



109.6590, 47.0031, -96.1709



124.2720, 44.7289, 26.9485



111.4680, -36.2197, 90.7976



# Rectangle

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



95.6350, -47.1481, -44.4069



101.1260, 11.7699, -88.6875



124.2720, 44.7289, 26.9485



104.6310, 7.0839, 108.1946

# Sweetspot

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



95.6350, -47.1481, -44.4069



163.7810, -18.1330, -17.3479



96.4510, -47.5503, 38.1925



81.3610, -11.0240, -10.8406



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



95.6350, -47.1481, -44.4069



123.5890, -60.9294, -57.5216



84.8020, -30.4684, -74.3714



66.7070, -2.3206, -2.3740



90.9280, -44.8275, -42.0329



3.5330, -1.7418, -1.3444



# Inverse Universe

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



44.3650, 47.1481, 44.4069



57.4110, 60.9294, 57.5216



55.1980, 30.4684, 74.3714



64.2930, 2.3206, 2.3740



42.0720, 44.8275, 42.0329

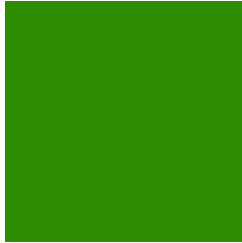


1.4670, 1.7418, 1.3444



# Previews

## White Background



This preview shows how the YUV color 95.6350, -47.1481, -44.4069 looks on a white 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



# Black Background



This preview shows how the YUV color 95.6350, -47.1481, -44.4069 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

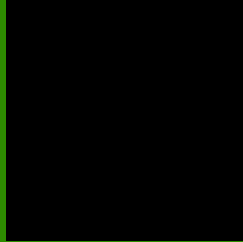
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 95.6350, -47.1481, -44.4069

## Background



This preview shows how black text looks on a background with the YUV color 95.6350, -47.1481, -44.4069.



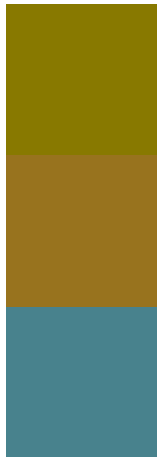
This preview shows how white text looks on a background with the YUV color 95.6350, -47.1481, -44.4069.



# 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

111.6910, -55.0637, 21.3190

### Deuteranopia

116.3730, -42.5819, 31.2449

### Tritanopia

113.9120, 13.3544, -36.7568

# Trichromacy



## Protanomaly

105.9330, -52.2250, -2.5722

## Deuteranomaly

108.7410, -44.2423, 3.7351

## Tritanomaly

107.4560, -8.6058, -39.8649

# Monochromacy



## Achromatopsia

96.0000, 0.0000, 0.0000

## Achromatomaly

95.7210, -17.1175, -16.4183

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 95.6350, -47.1481, -44.4069 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(45, 140, 0)` looks like.

```
.text, #text, p{  
    color:rgb(45, 140, 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(45, 140, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 140, 0) }
```

## Border

The CSS property to change the border of an element to YUV 95.6350, -47.1481, -44.4069 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(45, 140, 0) }
```

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

```
.border{ border-color:rgb(45, 140, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 140, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 140, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 140, 0);  
box-shadow:4px 4px 4px 4px rgb(45, 140, 0)  
}
```



# Background

The CSS property to change the background color of an element to YUV 95.6350, -47.1481, -44.4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 140, 0) }
```

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

```
.background{ background-color: rgb(45, 140,  
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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