

# Converting Colors

YUV(89.3310, -12.4882,  
-54.6643)

Have a look what the booklet for  
YUV(89.3310, -12.4882, -54.6643)  
contains.

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# Color

**YUV(89.3310, -12.4882,  
-54.6643)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1B7E40
RGB	27, 126, 64
RGB Percent	11%, 49%, 25%
CMY	0.8941, 0.5059, 0.7490
CMYK	0.79, 0.00, 0.49, 0.51
HSL	142°, 65%, 30%
HSV	142°, 79%, 49%
XYZ	8.8383, 15.5249, 7.3813
YIQ	89.3310, -39.1020, -40.2700

# Conversions

## Conversions Part 2

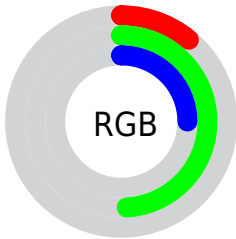
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 99, 126
Decimal	1801792
CIE <sub>Lab</sub>	46.34, -42.20, 25.94
CIE <sub>LCh</sub>	46, 49.540, 148.422
Yxy	15.5249, 0.2784, 0.4891
Android (android.graphics.Color)	4279991872 (0xFF1B7E40)
YUV	89.3310, -12.4882, -54.6643
Hunter-Lab	39.4016, -28.9131, 16.4741

# Details

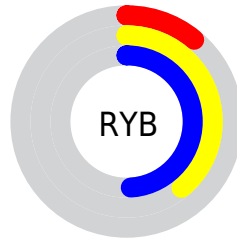
The YUV color **89.3310, -12.4882, -54.6643** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **63.6690, 12.4882, 54.6643**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.8540, -15.7040, -49.8610**, and **46.6640, -14.1314, -40.9243** is the 20% darker color. If you saturate the color by 10%, you get **84.5320, -14.0663, -61.8566**, and if you desaturate by 10%, it is **94.1300, -10.9101, -47.4720**.

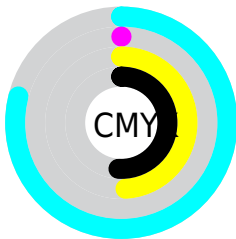
# Distribution



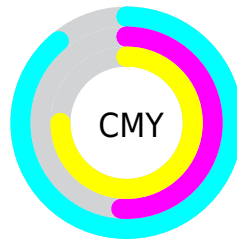
- Red (11%)
- Green (49%)
- Blue (25%)



- Red (11%)
- Yellow (39%)
- Blue (49%)



- Cyan (79%)
- Magenta (0%)
- Yellow (49%)
- Black (51%)



- Cyan (89%)
- Magenta (51%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 89.3310, -12.4882, -54.6643 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 89.3310, -12.4882, -54.6643 by changing the saturation by 10% instead.



■ 89.3310, -12.4882,  
-54.6643

■ 89.3310, -12.4882,  
-54.6643

255.0000, 0.0000,  
0.0000

■ 63.3740, -11.0304,  
-55.5790

■ 144.8540,  
-15.7040, -49.8610

■ 46.6640, -14.1314,  
-40.9243

■ 172.6260,  
-16.5776, -49.6610

■ 30.5240, -15.0483,  
-26.7695

■ 200.3980,  
-17.4512, -49.4610

■ 17.6100, -8.6817,  
-15.4440

■ 223.1150,  
-14.8467, -44.8279

■ 0.0000, 0.0000,  
0.0000

■ 234.6790, -6.7437,  
-30.4135

■ 246.8410, 1.0644,

-14.7696

■ 89.3310, -12.4882,  
-54.6643

■ 89.3310, -12.4882,  
-54.6643

■ 84.5320, -14.0663,  
-61.8566

■ 94.1300, -10.9101,  
-47.4720

■ 80.0320, -15.7918,  
-68.4341

■ 98.6300, -9.1846,  
-40.8945

■ 79.3200, -15.9338,  
-69.5636

■ 103.4290, -7.6065,  
-33.7022

■ 107.9290, -5.8810,  
-27.1247

■ 112.6140, -4.7397,  
-19.8325

■ 117.4130, -3.1616,  
-12.6402

■ 121.9130, -1.4361,  
-6.0627

■ 126.7120, 0.1420,  
1.1296

■ 131.2120, 1.8675,  
7.7071

# Harmonies

## Analogous

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



100.6670, -35.3318, -7.6010



89.3310, -12.4882, -54.6643



87.8070, 8.9691, -77.0067

# Triad

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



89.3310, -12.4882, -54.6643



89.5070, 51.0220, -78.4976



107.0640, -16.7936, 66.5959

# Complementary

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



89.3310, -12.4882, -54.6643



63.6690, 12.4882, 54.6643

# 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.



108.5040, 2.7095, 64.4560



89.3310, -12.4882, -54.6643



111.2560, 35.3698, -4.6095

# Square

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



89.3310, -12.4882, -54.6643



93.8950, 42.4498, -82.3459



112.3450, 20.5359, 40.0394



106.7850, -33.9110, 50.1776



# Rectangle

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



89.3310, -12.4882, -54.6643



91.7000, 21.3469, -80.4209



112.3450, 20.5359, 40.0394



106.7960, -10.2524, 68.5849

# Sweetspot

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



89.3310, -12.4882, -54.6643



148.6030, -4.7343, -21.5768



103.9500, -37.9363, -12.2341



73.1140, -3.0142, -13.2550



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



89.3310, -12.4882, -54.6643



106.3090, -19.3793, -84.4630



94.9170, 8.9149, -59.5632



61.4510, -0.7153, -3.9035



80.6080, -16.0757, -70.6932



0.0000, 0.0000, 0.0000



# Inverse Universe

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



63.6690, 12.4882, 54.6643



66.6910, 19.3793, 84.4630



58.0830, -8.9149, 59.5632



59.5490, 0.7153, 3.9035



47.3920, 16.0757, 70.6932



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 89.3310, -12.4882, -54.6643 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

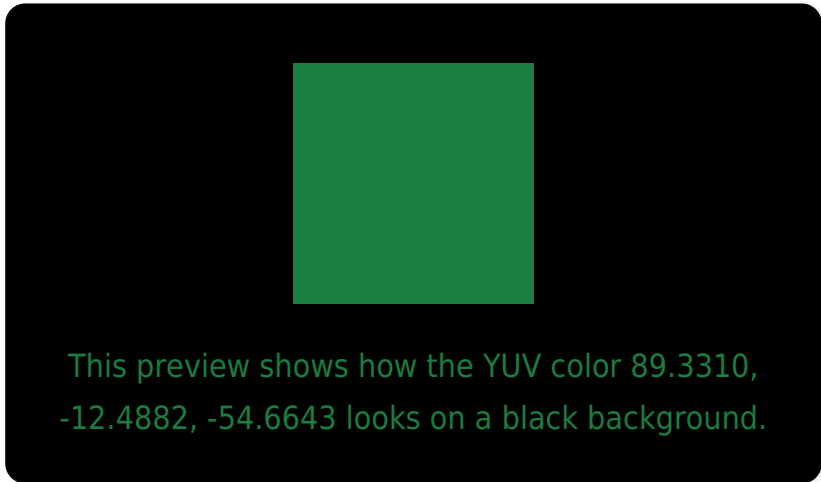
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black 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

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

# YUV 89.3310, -12.4882, -54.6643

## Background



This preview shows how black text looks on a background with the YUV color 89.3310, -12.4882, -54.6643.



This preview shows how white text looks on a background with the YUV color 89.3310, -12.4882, -54.6643.

-54.6643.

# 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

89.3310, -12.4882, -54.6643

### Protanopia

106.4750, -23.8982, 11.8614

### Deuteranopia

108.3820, -19.4153, 20.7130



## Tritanopia

100.5910, 13.5126, -40.8603

# Trichromacy



## Original Color

89.3310, -12.4882, -54.6643

## Protanomaly

100.0590, -19.7491, -12.3297

## Deuteranomaly

101.4880, -17.0026, -6.5670

## Tritanomaly

96.7400, 4.0722, -46.2530

# Monochromacy



## Original Color

89.3310, -12.4882, -54.6643

## Achromatopsia

89.0000, 0.0000, 0.0000

## Achromatomaly

88.7280, -4.3029, -19.9325

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 89.3310, -12.4882, -54.6643 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(27, 126, 64)` looks like.

```
.text, #text, p{  
    color:rgb(27, 126, 64)  
}
```

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(27, 126, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 126, 64) }
```

## Border

The CSS property to change the border of an element to YUV 89.3310, -12.4882, -54.6643 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(27, 126, 64) }
```



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

```
.border{ border-color:rgb(27, 126, 64) }
```

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

Here you see how a box with a 4 pixel rgb(27, 126, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 126, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 126, 64);  
box-shadow:4px 4px 4px 4px rgb(27, 126,  
64) }
```

# Background

The CSS property to change the background color of an element to YUV 89.3310, -12.4882, -54.6643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 126, 64) }
```

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

```
.background{ background-color: rgb(27, 126,  
64) }
```

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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