

# Converting Colors

YUV(50.0380, -11.3577,  
-43.8833)

Have a look what the booklet for  
YUV(50.0380, -11.3577, -43.8833)  
contains.

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# Color

**YUV(50.0380, -11.3577,  
-43.8833)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00501B
RGB	0, 80, 27
RGB Percent	0%, 31%, 11%
CMY	1.0000, 0.6863, 0.8941
CMYK	1.00, 0.00, 0.66, 0.69
HSL	140°, 100%, 16%
HSV	140°, 100%, 31%
XYZ	3.0665, 5.8165, 1.9980
YIQ	50.0380, -30.6670, -33.4430

# Conversions

## Conversions Part 2

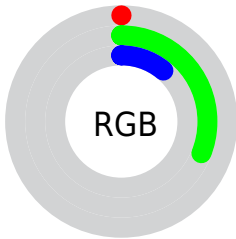
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 60, 80
Decimal	20507
CIELab	28.94, -34.55, 24.74
CIELCh	29, 42.496, 144.399
Yxy	5.8165, 0.2818, 0.5346
Android (android.graphics.Color)	4278210587 (0xFF00501B)
YUV	50.0380, -11.3577, -43.8833
Hunter-Lab	24.1173, -19.5092, 11.9703

# Details

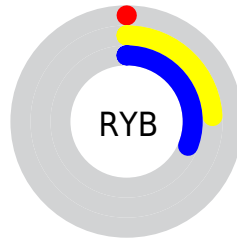
The YUV color **50.0380, -11.3577, -43.8833** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **29.9620, 11.3577, 43.8833**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.4690, -15.0212, -35.4913**, and **21.1320, -10.4181, -18.5328** is the 20% darker color. If you saturate the color by 10%, you get **50.0380, -11.3577, -43.8833**, and if you desaturate by 10%, it is **53.0000, -10.3530, -39.4650**.

# Distribution



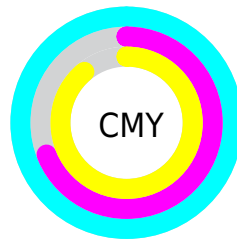
- Red (0%)
- Green (31%)
- Blue (11%)



- Red (0%)
- Yellow (24%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (66%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 50.0380, -11.3577, -43.8833 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 50.0380, -11.3577, -43.8833 by changing the saturation by 10% instead.



■ 50.0380, -11.3577,  
-43.8833

■ 50.0380, -11.3577,  
-43.8833

255.0000, 0.0000,  
0.0000

■ 33.2140, -14.8955,  
-29.1287

■ 103.4690,  
-15.0212, -35.4913

■ 21.1320, -10.4181,  
-18.5328

■ 129.8280,  
-16.1842, -35.8062

■ 0.0000, 0.0000,  
0.0000

■ 156.3010,  
-16.9104, -36.2210


■ 183.7740,  
-17.6366, -36.6358


■ 211.6600,  
-18.0734, -36.5358


■ 231.9150,


-14.7481, -29.7435


 243.5930, -6.2083,  
-15.4291


 50.0380, -11.3577,  
-43.8833

 53.0000, -10.3530,  
-39.4650

 56.0760, -8.9115,  
-35.1467

 59.0380, -7.9067,  
-30.7283

 62.0000, -6.9020,  
-26.3100

 64.9620, -5.8973,  
-21.8917

■ 68.0380, -4.4557,  
-17.5733

■ 71.0000, -3.4510,  
-13.1550

■ 73.9620, -2.4463,  
-8.7367

■ 77.0380, -1.0047,  
-4.4183

# Harmonies

## Analogous

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



60.4810, -29.8171, -3.0528



50.0380, -11.3577, -43.8833



55.6750, 2.6252, -48.8270

# Triad

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



50.0380, -11.3577, -43.8833



58.7140, 37.1160, -51.4922



63.4090, -10.0616, 54.0153

# Complementary

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



50.0380, -11.3577, -43.8833



29.9620, 11.3577, 43.8833

# 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.



64.8120, 5.5157, 51.0309



50.0380, -11.3577, -43.8833



67.2460, 30.4447, -11.6167

# Square

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



50.0380, -11.3577, -43.8833



61.3410, 29.4119, -53.7961



69.3990, 18.5373, 27.7141



64.9070, -25.5902, 41.3006



# Rectangle

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



50.0380, -11.3577, -43.8833



58.2970, 12.6716, -51.1265



69.3990, 18.5373, 27.7141



63.2010, -4.5361, 55.0747

# Sweetspot

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



50.0380, -11.3577, -43.8833



93.0380, -4.4557, -17.5733



62.8070, -30.9639, -8.6007



46.5380, -2.7302, -10.9958



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000



# Same Dimension

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



50.0380, -11.3577, -43.8833



65.6250, -15.0981, -57.5531



54.5980, 6.1142, -47.8824



39.4620, -0.7208, -2.1592



145.0760, -33.0685, -127.2317

# Inverse Universe

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



29.9620, 11.3577, 43.8833



39.2610, 14.6613, 57.6531



25.4020, -6.1142, 47.8824



38.4240, 0.2840, 2.2592



86.9240, 33.0685, 127.2317

# Previews

## White Background



This preview shows how the YUV color 50.0380, -11.3577, -43.8833 looks on a white background.

## Color Contrast Check

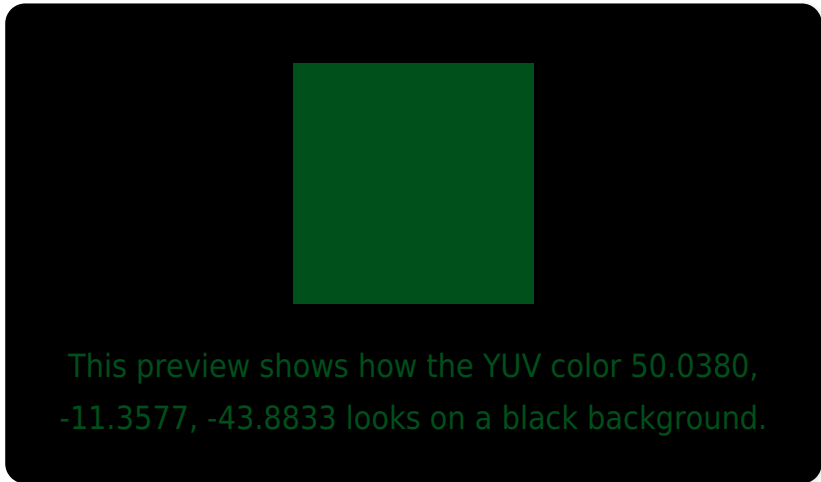
Large Text (above 18pt) WCAG AA ✓ Pass

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

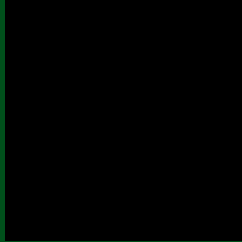
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 50.0380, -11.3577, -43.8833

## Background



This preview shows how black text looks on a background with the YUV color 50.0380, -11.3577, -43.8833.



This preview shows how white text looks on a background with the YUV color 50.0380, -11.3577, -43.8833.



-43.8833.

# 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

50.0380, -11.3577, -43.8833

### Protanopia

66.2620, -20.8352, 9.4172

### Deuteranopia

67.2180, -17.3625, 15.5948



## Tritanopia

62.8270, 8.9593, -27.0353

# Trichromacy



## Original Color

50.0380, -11.3577, -43.8833

## Protanomaly

60.3520, -17.4285, -9.9557

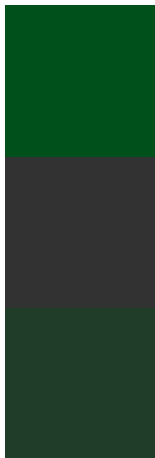
## Deuteranomaly

60.6560, -15.1134, -5.8373

## Tritanomaly

58.1330, 1.4134, -33.4426

# Monochromacy



## Original Color

50.0380, -11.3577, -43.8833

## Achromatopsia

50.0000, 0.0000, 0.0000

## Achromatomaly

50.1630, -4.0244, -15.9290

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 50.0380, -11.3577, -43.8833 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, 80, 27)` looks like.

```
.text, #text, p{  
    color:rgb(0, 80, 27)  
}
```

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, 80, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 80, 27) }
```

## Border

The CSS property to change the border of an element to YUV 50.0380, -11.3577, -43.8833 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, 80, 27) }
```

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

```
.border{ border-color:rgb(0, 80, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 80, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 80, 27); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 80, 27); box-shadow:4px  
4px 4px 4px rgb(0, 80, 27) }
```

# Background

The CSS property to change the background color of an element to YUV 50.0380, -11.3577, -43.8833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 80, 27) }
```

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

```
.background{ background-color: rgb(0, 80,  
27) }
```

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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