

# Converting Colors

YUV(48.5980, -10.6478,  
-38.2354)

Have a look what the booklet for  
YUV(48.5980, -10.6478, -38.2354)  
contains.

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# Color

**YUV(48.5980, -10.6478,  
-38.2354)**

# Conversions

## Conversions Part 1

Format	Color
Hex	054B1B
RGB	5, 75, 27
RGB Percent	2%, 29%, 11%
CMY	0.9804, 0.7059, 0.8941
CMYK	0.93, 0.00, 0.64, 0.71
HSL	139°, 88%, 16%
HSV	139°, 93%, 29%
XYZ	2.7765, 5.1436, 1.8834
YIQ	48.5980, -26.3120, -29.7680

# Conversions

## Conversions Part 2

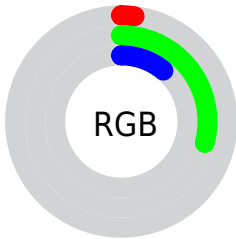
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 58, 75
Decimal	346907
CIELab	27.14, -31.96, 22.66
CIELCh	27, 39.174, 144.667
Yxy	5.1436, 0.2832, 0.5247
Android (android.graphics.Color)	4278536987 (0xFF054B1B)
YUV	48.5980, -10.6478, -38.2354
Hunter-Lab	22.6794, -17.8363, 10.9519

# Details

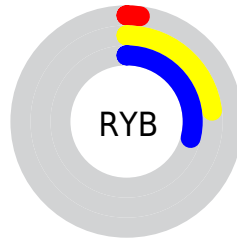
The YUV color **48.5980, -10.6478, -38.2354** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **31.4020, 10.6478, 38.2354**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.4200, -14.0111, -32.8173**, and **19.3710, -9.5499, -16.9884** is the 20% darker color. If you saturate the color by 10%, you get **46.7610, -11.2212, -41.0094**, and if you desaturate by 10%, it is **51.5600, -9.6431, -33.8171**.

# Distribution



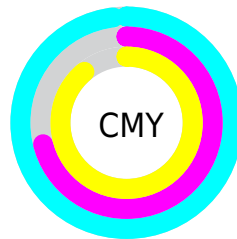
- Red (2%)
- Green (29%)
- Blue (11%)



- Red (2%)
- Yellow (23%)
- Blue (29%)



- Cyan (93%)
- Magenta (0%)
- Yellow (64%)
- Black (71%)



- Cyan (98%)
- Magenta (71%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 48.5980, -10.6478, -38.2354 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 48.5980, -10.6478, -38.2354 by changing the saturation by 10% instead.



■ 48.5980, -10.6478,  
-38.2354

■ 48.5980, -10.6478,  
-38.2354

255.0000, 0.0000,  
0.0000

■ 30.8660, -13.7379,  
-27.0695

■ 100.4200,  
-14.0111, -32.8173

■ 19.3710, -9.5499,  
-16.9884

■ 126.1920,  
-14.8847, -32.6174

■ 0.0000, 0.0000,  
0.0000

■ 152.6650,  
-15.6108, -33.0322


■ 180.1380,  
-16.3370, -33.4470


■ 207.7250,  
-16.6264, -33.9618


■ 231.6160,


-14.6007, -30.3582


 243.1800, -6.4977,  
-15.9439


 48.5980, -10.6478,  
-38.2354


 48.5980, -10.6478,  
-38.2354


 46.7610, -11.2212,  
-41.0094

 51.5600, -9.6431,  
-33.8171

 54.2230, -8.4909,  
-30.0136

 57.1850, -7.4862,  
-25.5952

 59.9620, -5.8973,  
-21.8917

 62.9240, -4.8925,  
-17.4733

■ 65.5870, -3.7404,  
-13.6698

■ 68.5490, -2.7357,  
-9.2515

■ 71.2120, -1.5835,  
-5.4479

■ 74.1740, -0.5788,  
-1.0296

# Harmonies

## Analogous

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



57.2360, -28.2173, -2.8380



48.5980, -10.6478, -38.2354



51.8110, 3.0512, -45.4382

# Triad

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



48.5980, -10.6478, -38.2354



54.6390, 34.1950, -47.9184



60.4900, -9.6086, 48.6823

# Complementary

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



48.5980, -10.6478, -38.2354



31.4020, 10.6478, 38.2354

# 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.



61.5510, 4.6584, 45.9978



48.5980, -10.6478, -38.2354



63.1600, 27.5291, -9.7873

# Square

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



48.5980, -10.6478, -38.2354



56.9070, 27.6538, -49.9074



65.5190, 16.5061, 25.8548



60.8680, -23.1059, 37.8268



# Rectangle

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



48.5980, -10.6478, -38.2354



54.6780, 11.4977, -47.9526



65.5190, 16.5061, 25.8548



60.1680, -4.5198, 49.8417

# Sweetspot

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



48.5980, -10.6478, -38.2354



86.7610, -4.3192, -14.6994



60.7410, -27.4803, -5.9119



41.9620, -2.4463, -8.7367



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000



# Same Dimension

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



48.5980, -10.6478, -38.2354



60.3590, -14.9670, -52.9348



52.4740, 4.2033, -41.6347



36.5760, -0.2840, -2.2592



63.5220, -15.5403, -55.7088



143.2180, -35.1105, -125.6022



# Inverse Universe

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



31.4020, 10.6478, 38.2354



36.5270, 14.5302, 53.0348



27.5260, -4.2033, 41.6347



35.5380, 0.7208, 2.1592



38.4780, 15.5403, 55.7088

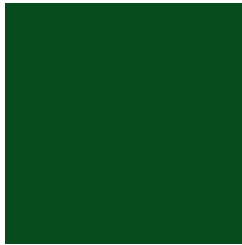


86.6680, 34.6737, 125.7022



# Previews

## White Background



This preview shows how the YUV color 48.5980, -10.6478, -38.2354 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

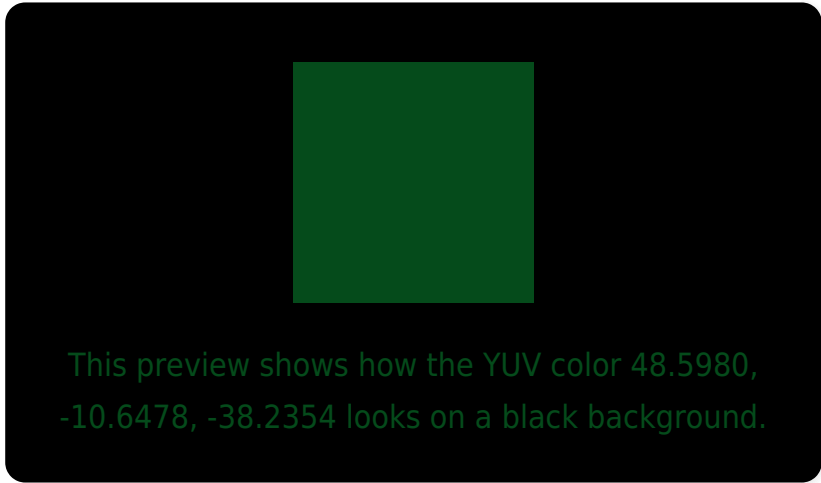
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

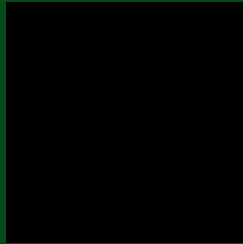
Any Text WCAG AA × Fail

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 48.5980, -10.6478, -38.2354 Background



This preview shows how black text looks on a background with the YUV color 48.5980, -10.6478, -38.2354.



This preview shows how white text looks on a background with the YUV color 48.5980, -10.6478, -38.2354.

-38.2354.

# 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

48.5980, -10.6478, -38.2354

### Protanopia

61.8320, -18.6512, 8.9173

### Deuteranopia

62.9620, -15.7573, 14.0653



## Tritanopia

58.7240, 8.5171, -25.1909

# Trichromacy



## Original Color

48.5980, -10.6478, -38.2354

## Protanomaly

57.1180, -15.8342, -7.9965

## Deuteranomaly

57.7100, -13.6610, -5.0077

## Tritanomaly

55.1550, 1.4026, -29.9539

# Monochromacy



## Original Color

48.5980, -10.6478, -38.2354

## Achromatopsia

49.0000, 0.0000, 0.0000

## Achromatomaly

48.5870, -3.7404, -13.6698

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 48.5980, -10.6478, -38.2354 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(5, 75, 27)` looks like.

```
.text, #text, p{  
    color:rgb(5, 75, 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(5, 75, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 75, 27) }
```

## Border

The CSS property to change the border of an element to YUV 48.5980, -10.6478, -38.2354 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(5, 75, 27) }
```



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

```
.border{ border-color:rgb(5, 75, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 75, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 75, 27); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 75, 27); box-shadow:4px  
4px 4px 4px rgb(5, 75, 27) }
```

# Background

The CSS property to change the background color of an element to YUV 48.5980, -10.6478, -38.2354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 75, 27) }
```

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

```
.background{ background-color: rgb(5, 75,  
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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