

# Converting Colors

YUV(76.3330, 1.3148, -48.5270)

Have a look what the booklet for  
YUV(76.3330, 1.3148, -48.5270)  
contains.

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# Color

**YUV(76.3330, 1.3148,  
-48.5270)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15684F
RGB	21, 104, 79
RGB Percent	8%, 41%, 31%
CMY	0.9176, 0.5922, 0.6902
CMYK	0.80, 0.00, 0.24, 0.59
HSL	162°, 66%, 25%
HSV	162°, 80%, 41%
XYZ	6.6709, 10.6246, 9.0963
YIQ	76.3330, -41.4430, -25.3710

# Conversions

## Conversions Part 2

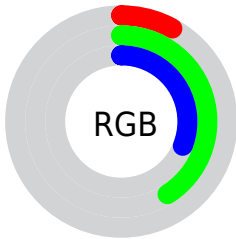
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 70, 104
Decimal	1402959
CIELab	38.94, -30.57, 7.29
CIELCh	39, 31.427, 166.578
Yxy	10.6246, 0.2528, 0.4026
Android (android.graphics.Color)	4279593039 (0xFF15684F)
YUV	76.3330, 1.3148, -48.5270
Hunter-Lab	32.5954, -20.5107, 6.2709

# Details

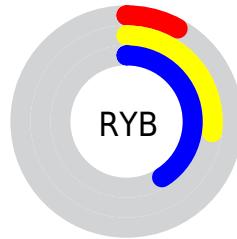
The YUV color **76.3330, 1.3148, -48.5270** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **48.6670, -1.3148, 48.5270**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.7850, -0.8800, -44.5384**, and **36.8620, -0.9180, -32.3280** is the 20% darker color. If you saturate the color by 10%, you get **73.0010, 1.4785, -54.3749**, and if you desaturate by 10%, it is **79.6650, 1.1512, -42.6792**.

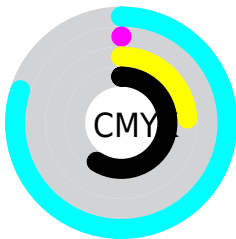
# Distribution



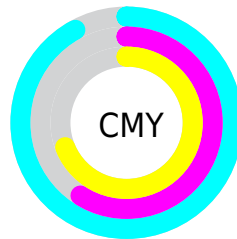
- Red (8%)
- Green (41%)
- Blue (31%)



- Red (8%)
- Yellow (27%)
- Blue (41%)



- Cyan (80%)
- Magenta (0%)
- Yellow (24%)
- Black (59%)



- Cyan (92%)
- Magenta (59%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 76.3330, 1.3148, -48.5270 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 76.3330, 1.3148, -48.5270 by changing the saturation by 10% instead.



■ 76.3330, 1.3148,  
-48.5270

■ 76.3330, 1.3148,  
-48.5270

■ 255.0000, 0.0000,  
0.0000

■ 52.7570, 1.5988,  
-46.2679

■ 129.7850, -0.8800,  
-44.5384

■ 36.8620, -0.9180,  
-32.3280

■ 156.6710, -1.3168,  
-44.4385

■ 22.0270, -4.4503,  
-19.3177

■ 184.2580, -1.6062,  
-44.9533

■ 0.0000, 0.0000,  
0.0000

■ 212.1440, -2.0430,  
-44.8533

■ 233.2140, 1.8665,  
-38.7757

■ 243.6380, 5.6015,

-23.3615

■ 252.6080, 1.1793,  
-4.9182

■ 76.3330, 1.3148,  
-48.5270

■ 76.3330, 1.3148,  
-48.5270

■ 73.0010, 1.4785,  
-54.3749

■ 79.6650, 1.1512,  
-42.6792

■ 69.3700, 1.7896,  
-60.8375

■ 83.2960, 0.8401,  
-36.2166

■ 86.6280, 0.6764,  
-30.3688

■ 90.3730, 0.8021,  
-24.0061

■ 93.7050, 0.6384,  
-18.1583

■ 97.0370, 0.4748,  
-12.3104

■ 100.6680, 0.1637,  
-5.8478

■ 104.0000, 0.0000,  
0.0000

■ 107.6310, -0.3111,  
6.4626

# Harmonies

## Analogous

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



84.6930, -14.6386, -18.1478



76.3330, 1.3148, -48.5270



73.6050, 15.4777, -64.5516

# Triad

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



76.3330, 1.3148, -48.5270



90.7420, 24.7772, -13.8057



91.6490, -17.5750, 37.1418

# Complementary

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



76.3330, 1.3148, -48.5270



48.6670, -1.3148, 48.5270

# 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.



92.4290, -7.1135, 41.7198



76.3330, 1.3148, -48.5270



94.9260, 15.8125, 14.9739

# Square

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



76.3330, 1.3148, -48.5270



74.7960, 32.6386, -62.0881



93.8870, 4.9857, 34.3021



90.1390, -24.2255, 23.5571



# Rectangle

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



76.3330, 1.3148, -48.5270



74.8420, 22.7559, -65.6364



93.8870, 4.9857, 34.3021



91.5830, -14.0914, 39.8307

# Sweetspot

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



76.3330, 1.3148, -48.5270



124.2920, 0.3490, -18.6731



77.4950, -27.8520, -26.7441



62.3360, 0.3274, -11.6957



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



76.3330, 1.3148, -48.5270



91.6840, 2.1278, -76.0219



70.3780, 16.5756, -43.3045



49.2770, -0.1366, -2.8739



76.6250, 1.6639, -67.2001



161.3200, 3.7862, -141.4776



# Inverse Universe

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



48.6670, -1.3148, 48.5270



48.3160, -2.1278, 76.0219



54.6220, -16.5756, 43.3045



47.6090, -0.3002, 2.9739



38.3750, -1.6639, 67.2001



80.6800, -3.7862, 141.4776



# Previews

## White Background



This preview shows how the YUV color 76.3330, 1.3148, -48.5270 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

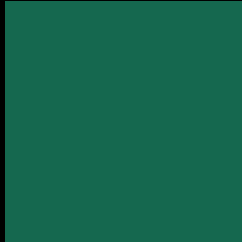
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 76.3330, 1.3148, -48.5270 looks on a 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 76.3330, 1.3148, -48.5270

## Background



This preview shows how black text looks on a background with the YUV color 76.3330, 1.3148, -48.5270.



This preview shows how white text looks on a background with the YUV color 76.3330, 1.3148, -48.5270.

-48.5270.

# 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

76.3330, 1.3148, -48.5270

### Protanopia

90.7420, -8.7468, 5.4883

### Deuteranopia

91.9150, -4.3951, 9.7215



## Tritanopia

82.3740, 12.6336, -38.9160

# Trichromacy



## Original Color

76.3330, 1.3148, -48.5270

## Protanomaly

85.5330, -5.1928, -14.4994

## Deuteranomaly

86.3530, -2.1460, -11.7106

## Tritanomaly

79.9130, 8.4239, -42.0197

# Monochromacy



## Original Color

76.3330, 1.3148, -48.5270

## Achromatopsia

76.0000, 0.0000, 0.0000

## Achromatomaly

76.0040, 0.4910, -17.5435

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 76.3330, 1.3148, -48.5270 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(21, 104, 79)` looks like.

```
.text, #text, p{  
    color:rgb(21, 104, 79)  
}
```

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(21, 104, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 104, 79) }
```

## Border

The CSS property to change the border of an element to YUV 76.3330, 1.3148, -48.5270 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(21, 104, 79) }
```



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

```
.border{ border-color:rgb(21, 104, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 104, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 104, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 104, 79);  
box-shadow:4px 4px 4px 4px rgb(21, 104,  
79) }
```

# Background

The CSS property to change the background color of an element to YUV 76.3330, 1.3148, -48.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 104, 79) }
```

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

```
.background{ background-color: rgb(21, 104,  
79) }
```

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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