

# Converting Colors

YUV(82.9420, -2.4364, -58.7081)

Have a look what the booklet for  
YUV(82.9420, -2.4364, -58.7081)  
contains.

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# Color

**YUV(82.9420, -2.4364,  
-58.7081)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	10764E
RGB	16, 118, 78
RGB Percent	6%, 46%, 31%
CMY	0.9373, 0.5373, 0.6941
CMYK	0.86, 0.00, 0.34, 0.54
HSL	156°, 76%, 26%
HSV	156°, 86%, 46%
XYZ	8.0673, 13.6171, 9.4109
YIQ	82.9420, -47.9520, -34.0640

# Conversions

## Conversions Part 2

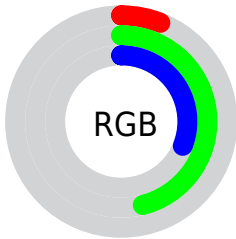
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 79, 118
Decimal	1078862
CIELab	43.68, -37.50, 14.47
CIElCh	44, 40.194, 158.905
Yxy	13.6171, 0.2594, 0.4379
Android (android.graphics.Color)	4279268942 (0xFF10764E)
YUV	82.9420, -2.4364, -58.7081
Hunter-Lab	36.9013, -25.5542, 10.7103

# Details

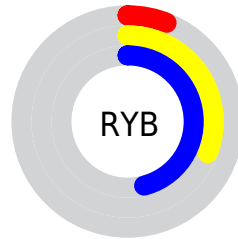
The YUV color **82.9420, -2.4364, -58.7081** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **51.0580, 2.4364, 58.7081**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.0740, -5.9525, -50.9309**, and **43.6780, -5.2643, -38.3056** is the 20% darker color. If you saturate the color by 10%, you get **78.7840, -2.8515, -65.5856**, and if you desaturate by 10%, it is **87.1000, -2.0213, -51.8307**.

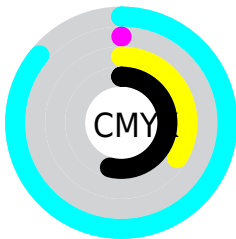
# Distribution



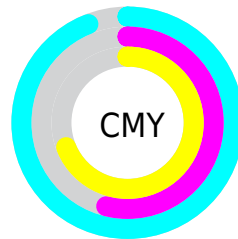
- Red (6%)
- Green (46%)
- Blue (31%)



- Red (6%)
- Yellow (31%)
- Blue (46%)



- Cyan (86%)
- Magenta (0%)
- Yellow (34%)
- Black (54%)



- Cyan (94%)
- Magenta (54%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 82.9420, -2.4364, -58.7081 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 82.9420, -2.4364, -58.7081 by changing the saturation by 10% instead.



82.9420, -2.4364,  
-58.7081

82.9420, -2.4364,  
-58.7081

255.0000, 0.0000,  
0.0000

60.8610, -2.8895,  
-53.3751

139.0740, -5.9525,  
-50.9309

43.6780, -5.2643,  
-38.3056

166.5470, -6.6787,  
-51.3457

27.7830, -7.7810,  
-24.3657

194.4330, -7.1155,  
-51.2457

12.3270, -6.0772,  
-10.8108

222.4330, -7.1155,  
-51.2457

0.0000, 0.0000,  
0.0000

233.9970, 0.9875,  
-36.8314

244.8340, 5.0118,

-20.9024

253.8040, 0.5896,  
-2.4591

82.9420, -2.4364,  
-58.7081

82.9420, -2.4364,  
-58.7081

78.7840, -2.8515,  
-65.5856

87.1000, -2.0213,  
-51.8307

77.4740, -2.6987,  
-67.9447

91.1440, -2.0430,  
-44.8533

95.0030, -1.4805,  
-38.5906

99.1610, -1.0654,  
-31.7132

103.2050, -1.0871,  
-24.7358

■ 107.3630, -0.6720,  
-17.8584

■ 111.4070, -0.6937,  
-10.8809

■ 115.2660, -0.1311,  
-4.6183

■ 119.4240, 0.2840,  
2.2592

# Harmonies

## Analogous

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



94.9400, -22.6484, -15.7334



82.9420, -2.4364, -58.7081



83.2080, 14.1945, -72.9734

# Triad

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



82.9420, -2.4364, -58.7081



98.2540, 34.8778, -33.5488



101.9820, -19.2181, 50.8818

# Complementary

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



82.9420, -2.4364, -58.7081



51.0580, 2.4364, 58.7081

# 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.



103.6030, -4.2413, 53.8452



82.9420, -2.4364, -58.7081



105.7820, 24.2645, 10.7152

# Square

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



82.9420, -2.4364, -58.7081



85.1410, 39.3705, -74.6687



105.8260, 10.9318, 40.4946



101.3100, -30.2258, 34.8081



# Rectangle

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



82.9420, -2.4364, -58.7081



85.1290, 24.0934, -74.6581



105.8260, 10.9318, 40.4946



102.2580, -14.4242, 53.2707

# Sweetspot

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



82.9420, -2.4364, -58.7081



139.2160, -1.0925, -22.9914



88.1330, -35.5616, -27.3036



68.6840, -0.8302, -13.7549



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



82.9420, -2.4364, -58.7081



100.4130, -3.6546, -88.0622



81.6320, 17.9294, -57.5593



56.8640, -0.4260, -3.3887



80.0500, -2.9826, -70.2038



164.0780, -5.9545, -143.8964



# Inverse Universe

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



51.0580, 2.4364, 58.7081



52.5870, 3.6546, 88.0622



52.3680, -17.9294, 57.5593



55.0220, -0.0108, 3.4887



41.9500, 2.9826, 70.2039

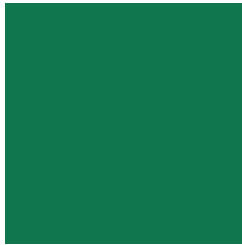


85.9220, 5.9545, 143.8964



# Previews

## White Background



This preview shows how the YUV color 82.9420, -2.4364, -58.7081 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 82.9420, -2.4364, -58.7081 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 82.9420, -2.4364, -58.7081

## Background



This preview shows how black text looks on a background with the YUV color 82.9420, -2.4364, -58.7081.



This preview shows how white text looks on a background with the YUV color 82.9420, -2.4364,



# 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

82.9420, -2.4364, -58.7081

### Protanopia

101.7440, -15.1568, 8.1175

### Deuteranopia

103.3410, -10.5211, 14.6099



## Tritanopia

93.0960, 14.2497, -43.9342

# Trichromacy



## Original Color

82.9420, -2.4364, -58.7081

## Protanomaly

94.5560, -10.1341, -16.2736

## Deuteranomaly

95.9740, -7.3822, -12.2552

## Tritanomaly

89.4560, 8.1562, -49.5119

# Monochromacy



## Original Color

82.9420, -2.4364, -58.7081

## Achromatopsia

83.0000, 0.0000, 0.0000

## Achromatomaly

83.2270, -1.0979, -21.2471

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 82.9420, -2.4364, -58.7081 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(16, 118, 78)` looks like.

```
.text, #text, p{  
    color:rgb(16, 118, 78)  
}
```

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(16, 118, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 118, 78) }
```

## Border

The CSS property to change the border of an element to YUV 82.9420, -2.4364, -58.7081 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(16, 118, 78) }
```



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

```
.border{ border-color:rgb(16, 118, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 118, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 118, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 118, 78);  
box-shadow:4px 4px 4px 4px rgb(16, 118,  
78) }
```

# Background

The CSS property to change the background color of an element to YUV 82.9420, -2.4364, -58.7081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 118, 78) }
```

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

```
.background{ background-color: rgb(16, 118,  
78) }
```

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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