

# Converting Colors

YUV(82.3660, -2.1524, -56.4490)

Have a look what the booklet for  
YUV(82.3660, -2.1524, -56.4490)  
contains.

<b>YUV(82.3660, -2.1524, -56.4490)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(82.3660, -2.1524,  
-56.4490)**

# Conversions

## Conversions Part 1

Format	Color
Hex	12744E
RGB	18, 116, 78
RGB Percent	7%, 45%, 31%
CMY	0.9294, 0.5451, 0.6941
CMYK	0.84, 0.00, 0.33, 0.55
HSL	157°, 73%, 26%
HSV	157°, 84%, 45%
XYZ	7.8700, 13.1694, 9.3349
YIQ	82.3660, -46.2100, -32.5940

# Conversions

## Conversions Part 2

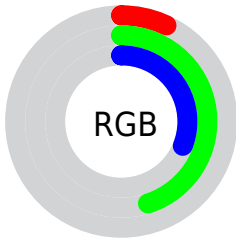
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 79, 116
Decimal	1209422
CIELab	43.02, -36.46, 13.57
CIElCh	43, 38.898, 159.590
Yxy	13.1694, 0.2591, 0.4336
Android (android.graphics.Color)	4279399502 (0xFF12744E)
YUV	82.3660, -2.1524, -56.4490
Hunter-Lab	36.2897, -24.7965, 10.1515

# Details

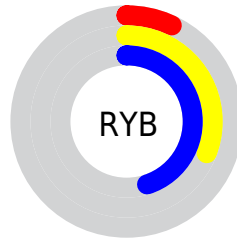
The YUV color **82.3660, -2.1524, -56.4490** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **51.6340, 2.1524, 56.4490**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9000, -5.3737, -49.9013**, and **43.0910, -4.9749, -37.7908** is the 20% darker color. If you saturate the color by 10%, you get **78.3220, -2.1307, -63.4264**, and if you desaturate by 10%, it is **86.4100, -2.1741, -49.4716**.

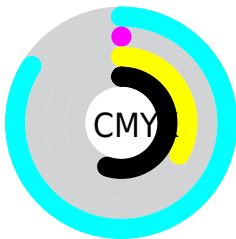
# Distribution



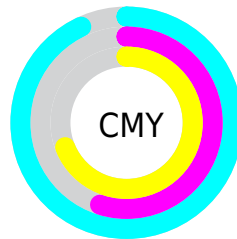
- Red (7%)
- Green (45%)
- Blue (31%)



- Red (7%)
- Yellow (31%)
- Blue (45%)



- Cyan (84%)
- Magenta (0%)
- Yellow (33%)
- Black (55%)



- Cyan (93%)
- Magenta (55%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 82.3660, -2.1524, -56.4490 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 82.3660, -2.1524, -56.4490 by changing the saturation by 10% instead.



■ 82.3660, -2.1524,  
-56.4490

■ 82.3660, -2.1524,  
-56.4490

■ 255.0000, 0.0000,  
0.0000

■ 59.6870, -2.3107,  
-52.3455

■ 137.9000, -5.3737,  
-49.9013

■ 43.0910, -4.9749,  
-37.7908

■ 164.7860, -5.8105,  
-49.8013

■ 27.1960, -7.4916,  
-23.8509

■ 193.2590, -6.5367,  
-50.2161

■ 10.5660, -5.2090,  
-9.2664

■ 221.8460, -6.8261,  
-50.7309

■ 0.0000, 0.0000,  
0.0000

■ 233.9970, 0.9875,  
-36.8314

■ 244.8340, 5.0118,

-20.9024

253.8040, 0.5896,  
-2.4591

82.3660, -2.1524,  
-56.4490

82.3660, -2.1524,  
-56.4490

78.3220, -2.1307,  
-63.4264

86.4100, -2.1741,  
-49.4716

76.1860, -2.5567,  
-66.8151

90.2690, -1.6116,  
-43.2089

94.3130, -1.6333,  
-36.2315

98.1720, -1.0708,  
-29.9688

102.2160, -1.0925,  
-22.9914

■ 106.3740, -0.6774,  
-16.1140

■ 110.1190, -0.5517,  
-9.7514

■ 114.2770, -0.1366,  
-2.8739

■ 118.0220, -0.0108,  
3.4887

# Harmonies

## Analogous

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



93.2820, -21.3380, -16.0333



82.3660, -2.1524, -56.4490



81.9200, 14.3364, -71.8438

# Triad

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



82.3660, -2.1524, -56.4490



97.2220, 33.4146, -30.8897



100.6720, -19.0653, 48.5227

# Complementary

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



82.3660, -2.1524, -56.4490



51.6340, 2.1524, 56.4490

# 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.



101.4780, -4.6727, 52.2008



82.3660, -2.1524, -56.4490



104.4400, 22.9541, 11.0151

# Square

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



82.3660, -2.1524, -56.4490



83.6250, 38.6389, -73.3391



104.0000, 10.3530, 39.4650



99.8260, -29.4942, 33.4786



# Rectangle

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



82.3660, -2.1524, -56.4490



83.7270, 23.7986, -73.4286



104.0000, 10.3530, 39.4650



101.2470, -14.4188, 51.5264

# Sweetspot

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



82.3660, -2.1524, -56.4490



137.3410, -0.6611, -21.3471



87.1870, -34.1092, -26.4740



69.0970, -0.5408, -13.2401



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.



82.3660, -2.1524, -56.4490



98.5380, -3.2232, -86.4178



80.8280, 17.3398, -55.1002



56.8640, -0.4260, -3.3887



80.1640, -2.5459, -70.3038



164.1920, -5.5177, -143.9964



# Inverse Universe

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



51.6340, 2.1524, 56.4490



51.4620, 3.2232, 86.4178



53.1720, -17.3398, 55.1002



55.0220, -0.0108, 3.4887



41.8360, 2.5459, 70.3038

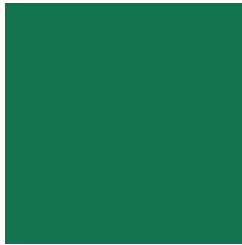


85.8080, 5.5177, 143.9964



# Previews

## White Background



This preview shows how the YUV color 82.3660, -2.1524, -56.4490 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 82.3660, -2.1524, -56.4490 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 82.3660, -2.1524, -56.4490

## Background



This preview shows how black text looks on a background with the YUV color 82.3660, -2.1524, -56.4490.



This preview shows how white text looks on a background with the YUV color 82.3660, -2.1524,



# 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

82.3660, -2.1524, -56.4490

### Protanopia

99.9720, -14.2832, 7.9176

### Deuteranopia

101.2700, -9.5001, 13.7952



## Tritanopia

91.6940, 13.9549, -42.7046

# Trichromacy



## Original Color

82.3660, -2.1524, -56.4490

## Protanomaly

93.3820, -9.5553, -15.2440

## Deuteranomaly

94.5010, -6.6560, -11.8404

## Tritanomaly

88.4670, 8.1508, -47.7676

# Monochromacy



## Original Color

82.3660, -2.1524, -56.4490

## Achromatopsia

82.0000, 0.0000, 0.0000

## Achromatomaly

82.0530, -0.5191, -20.2175

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 82.3660, -2.1524, -56.4490 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(18, 116, 78)` looks like.

```
.text, #text, p{  
    color:rgb(18, 116, 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(18, 116, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 116, 78) }
```

## Border

The CSS property to change the border of an element to YUV 82.3660, -2.1524, -56.4490 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(18, 116, 78) }
```



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

```
.border{ border-color:rgb(18, 116, 78) }
```

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

Here you see how a box with a 4 pixel rgb(18, 116, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 116, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 116, 78);  
box-shadow:4px 4px 4px 4px rgb(18, 116,  
78) }
```

# Background

The CSS property to change the background color of an element to YUV 82.3660, -2.1524, -56.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 116, 78) }
```

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

```
.background{ background-color: rgb(18, 116,  
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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor