

# Converting Colors

YUV(97.9740, 2.4778, -48.2122)

Have a look what the booklet for  
YUV(97.9740, 2.4778, -48.2122)  
contains.

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# Color

**YUV(97.9740, 2.4778,  
-48.2122)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B7D67
RGB	43, 125, 103
RGB Percent	17%, 49%, 40%
CMY	0.8314, 0.5098, 0.5961
CMYK	0.66, 0.00, 0.18, 0.51
HSL	164°, 49%, 33%
HSV	164°, 66%, 49%
XYZ	10.7781, 16.1601, 15.3831
YIQ	97.9740, -41.8100, -24.2260

# Conversions

## Conversions Part 2

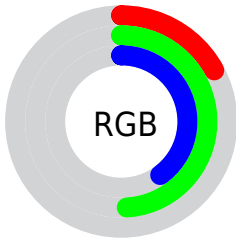
Format	Color
<b>R<sub>YB</sub></b>	43, 90, 125
Decimal	2850151
CIE <sub>Lab</sub>	47.18, -30.33, 4.77
CIE <sub>LCh</sub>	47, 30.705, 171.059
Yxy	16.1601, 0.2547, 0.3818
Android (android.graphics.Color)	4281040231 (0xFF2B7D67)
YUV	97.9740, 2.4778, -48.2122
Hunter-Lab	40.1996, -22.4911, 5.4513

# Details

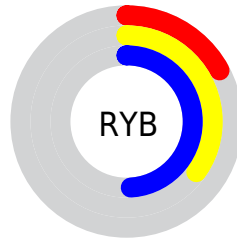
The YUV color **97.9740, 2.4778, -48.2122** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **70.0260, -2.4778, 48.2122**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6430, 1.1620, -46.1679**, and **50.4090, 2.7564, -44.2087** is the 20% darker color. If you saturate the color by 10%, you get **94.0440, 2.9363, -55.2896**, and if you desaturate by 10%, it is **102.2030, 1.8719, -40.5200**.

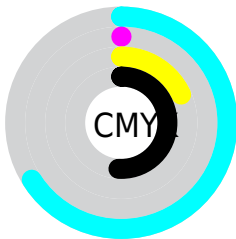
# Distribution



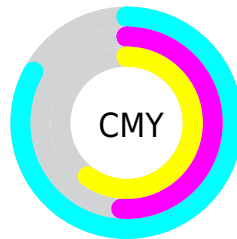
- Red (17%)
- Green (49%)
- Blue (40%)



- Red (17%)
- Yellow (35%)
- Blue (49%)



- Cyan (66%)
- Magenta (0%)
- Yellow (18%)
- Black (51%)



- Cyan (83%)
- Magenta (51%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 97.9740, 2.4778, -48.2122 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 97.9740, 2.4778, -48.2122 by changing the saturation by 10% instead.



97.9740, 2.4778,  
-48.2122

97.9740, 2.4778,  
-48.2122

255.0000, 0.0000,  
0.0000

68.9020, 4.9783,  
-56.9191

151.6430, 1.1620,  
-46.1679

50.4090, 2.7564,  
-44.2087

179.2300, 0.8726,  
-46.6827

34.5140, 0.2396,  
-30.2688

206.8170, 0.5832,  
-47.1975

20.8530, -3.8715,  
-18.2881

230.8220, 3.0458,  
-43.6939

0.0000, 0.0000,  
0.0000

241.5450, 6.6333,  
-27.6650

250.2160, 2.3585,

-9.8364

■ 97.9740, 2.4778,  
-48.2122

■ 97.9740, 2.4778,  
-48.2122

■ 94.0440, 2.9363,  
-55.2896

■ 102.2030, 1.8719,  
-40.5200

■ 89.7010, 3.1054,  
-62.8818

■ 106.2470, 1.8502,  
-33.5426

■ 85.7710, 3.5639,  
-69.9592

■ 110.4760, 1.2443,  
-25.8505

■ 83.7490, 3.5747,  
-73.4479

■ 114.4060, 0.7858,  
-18.7731

■ 118.7490, 0.6167,  
-11.1809

■ 122.6790, 0.1583,  
-4.1035

■ 126.9080, -0.4476,  
3.5887

■ 130.9520, -0.4693,  
10.5661

■ 134.8820, -0.9278,  
17.6435

# Harmonies

## Analogous

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



104.4260, -13.0280, -21.4216



97.9740, 2.4778, -48.2122



88.1950, 20.6099, -77.3470

# Triad

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



97.9740, 2.4778, -48.2122



112.4330, 23.4505, -8.2727



112.4810, -19.4641, 36.4122

# Complementary

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



97.9740, 2.4778, -48.2122



70.0260, -2.4778, 48.2122

# 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.



113.2720, -9.0081, 42.7345



97.9740, 2.4778, -48.2122



115.6060, 14.4912, 18.7625

# Square

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



97.9740, 2.4778, -48.2122



104.1900, 28.5003, -41.3856



114.7410, 3.0857, 37.0611



110.6010, -24.9463, 21.3979



# Rectangle

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



97.9740, 2.4778, -48.2122



89.3180, 27.4512, -78.3319



114.7410, 3.0857, 37.0611



112.6000, -16.5648, 39.8158

# Sweetspot

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



97.9740, 2.4778, -48.2122



152.4060, 0.7858, -18.7731



98.0110, -27.1204, -28.0736



75.3360, 0.3274, -11.6957



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



97.9740, 2.4778, -48.2122



120.5530, 4.1644, -75.9070



89.9160, 17.2964, -41.1453



61.6790, 0.1583, -4.1035



85.7380, 3.5802, -75.1922



0.0000, 0.0000, 0.0000



# Inverse Universe

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



70.0260, -2.4778, 48.2122



76.5610, -3.7276, 75.8070



78.0840, -17.2964, 41.1453



59.3210, -0.1583, 4.1035



42.1480, -4.0170, 75.2922



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 97.9740, 2.4778, -48.2122 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 97.9740, 2.4778, -48.2122 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

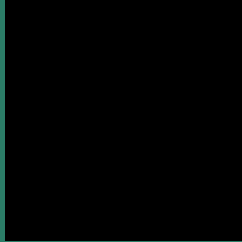
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 97.9740, 2.4778, -48.2122

## Background



This preview shows how black text looks on a background with the YUV color 97.9740, 2.4778, -48.2122.



This preview shows how white text looks on a background with the YUV color 97.9740, 2.4778, -48.2122.



# 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

97.9740, 2.4778, -48.2122

### Protanopia

111.0840, -7.4364, 5.1883

### Deuteranopia

112.6700, -2.7953, 9.9364



## Tritanopia

102.4060, 14.0968, -41.5751

# Trichromacy



## Original Color

97.9740, 2.4778, -48.2122

## Protanomaly

106.2880, -3.5930, -14.2846

## Deuteranomaly

107.4070, -0.6937, -10.8809

## Tritanomaly

100.6570, 10.0291, -43.5492

# Monochromacy



## Original Color

97.9740, 2.4778, -48.2122

## Achromatopsia

98.0000, 0.0000, 0.0000

## Achromatomaly

98.1180, 0.9278, -17.6435

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.9740, 2.4778, -48.2122 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(43, 125, 103)` looks like.

```
.text, #text, p{  
    color:rgb(43, 125, 103)  
}
```

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(43, 125, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 125, 103) }
```

## Border

The CSS property to change the border of an element to YUV 97.9740, 2.4778, -48.2122 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(43, 125, 103) }
```



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

```
.border{ border-color:rgb(43, 125, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 125, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 125, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 125, 103);  
box-shadow:4px 4px 4px 4px rgb(43, 125,  
103) }
```

# Background

The CSS property to change the background color of an element to YUV 97.9740, 2.4778, -48.2122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 125, 103) }
```

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

```
.background{ background-color: rgb(43, 125,  
103) }
```

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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