

# Converting Colors

YUV(119.2940, -19.3719,  
6.7582)

Have a look what the booklet for  
YUV(119.2940, -19.3719, 6.7582)  
contains.

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# Color

**YUV(119.2940, -19.3719,  
6.7582)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F7B50
RGB	127, 123, 80
RGB Percent	50%, 48%, 31%
CMY	0.5020, 0.5176, 0.6863
CMYK	0.00, 0.03, 0.37, 0.50
HSL	55°, 23%, 41%
HSV	55°, 37%, 50%
XYZ	17.2833, 19.2571, 10.3955
YIQ	119.2940, 16.1870, -12.5250

# Conversions

## Conversions Part 2

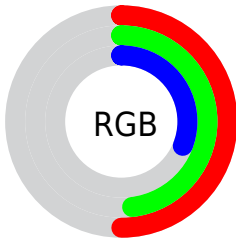
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 127, 80
Decimal	8354640
CIE Lab	50.99, -5.47, 24.08
CIE LCh	51, 24.697, 102.787
Yxy	19.2571, 0.3682, 0.4103
Android (android.graphics.Color)	4286544720 (0xFF7F7B50)
YUV	119.2940, -19.3719, 6.7582
Hunter-Lab	43.8829, -6.4928, 16.6728

# Details

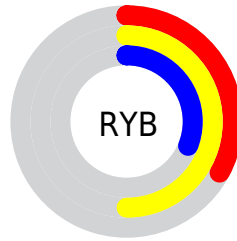
The YUV color **119.2940, -19.3719, 6.7582** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **87.7060, 19.3719, -6.7582**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3650, -20.3929, 7.5729**, and **70.3370, -17.9141, 5.8435** is the 20% darker color. If you saturate the color by 10%, you get **117.2250, -24.7609, 8.5727**, and if you desaturate by 10%, it is **121.3630, -13.9830, 4.9436**.

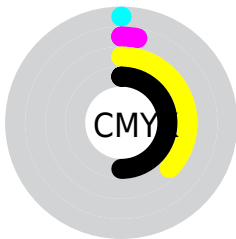
# Distribution



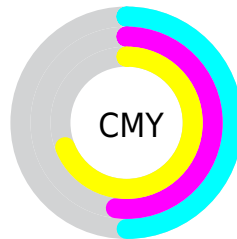
- Red (50%)
- Green (48%)
- Blue (31%)



- Red (33%)
- Yellow (50%)
- Blue (31%)



- Cyan (0%)
- Magenta (3%)
- Yellow (37%)
- Black (50%)



- Cyan (50%)
- Magenta (52%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 119.2940, -19.3719, 6.7582 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 119.2940, -19.3719, 6.7582 by changing the saturation by 10% instead.



■ 119.2940,  
-19.3719, 6.7582

■ 119.2940,  
-19.3719, 6.7582

■ 255.0000, 0.0000,  
0.0000

■ 94.2230, -18.3509,  
5.9434

■ 171.3650,  
-20.3929, 7.5729

■ 70.3370, -17.9141,  
5.8435

■ 199.1370,  
-21.2665, 7.7729

■ 47.8530, -17.1825,  
4.5139

■ 227.3220,  
-21.8507, 8.4876

■ 27.7650, -13.6881,  
3.7141

■ 249.9840,  
-19.2191, 4.3990

■ 4.1090, -2.0257,  
-3.6036

■ 253.1760, -6.9888,  
1.5996

■ 0.0000, 0.0000,  
0.0000

■ 119.2940,  
-19.3719, 6.7582

■ 119.2940,  
-19.3719, 6.7582

■ 117.2250,  
-24.7609, 8.5727

■ 121.3630,  
-13.9830, 4.9436

■ 115.2700,  
-29.7131, 10.2872

■ 123.3180, -9.0308,  
3.2291

■ 113.2010,  
-35.1021, 12.1017

■ 125.3870, -3.6418,  
1.4146

■ 111.1320,  
-40.4911, 13.9162

■ 127.4560, 1.7472,  
-0.3999

■ 109.0630,  
-45.8801, 15.7307

■ 129.5250, 7.1362,  
-2.2144

■ 107.1080,  
-50.8322, 17.4453

■ 131.4800, 12.0884,  
-3.9290

■ 106.0650,  
-52.2900, 18.3600

■ 134.1360, 17.1880,  
-6.2583

■ 136.2050, 22.5769,

-8.0728

■ 138.1600, 27.5291,  
-9.7873

# Harmonies

## Analogous

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



121.3930, -19.4207, 22.4573



119.2940, -19.3719, 6.7582



116.7800, -13.2025, -12.0851

# Triad

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



119.2940, -19.3719, 6.7582



109.7300, 19.3601, -49.7522



124.4300, 4.7180, 26.8099

# Complementary

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



119.2940, -19.3719, 6.7582



87.7060, 19.3719, -6.7582

# 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.



124.3230, 13.6448, 10.2407



119.2940, -19.3719, 6.7582



115.3280, 22.5163, -35.3677

# Square

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



119.2940, -19.3719, 6.7582



109.9340, 9.8925, -46.4231



120.9010, 20.2618, -12.1912



123.8410, -5.3446, 34.3424



# Rectangle

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



119.2940, -19.3719, 6.7582



114.5380, -6.1812, -24.1508



120.9010, 20.2618, -12.1912



124.9070, 7.9338, 22.0066

# Sweetspot

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



119.2940, -19.3719, 6.7582



162.7740, -7.2836, 2.8292



94.6230, -4.7441, 28.3946



82.1590, -4.5154, 1.6146



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

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



119.2940, -19.3719, 6.7582



154.1560, -30.1499, 10.3872



115.9610, -17.7288, -6.9818



62.6150, -2.7682, 1.2146



106.9510, -52.7268, 18.4600



0.0000, 0.0000, 0.0000



# Inverse Universe

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



87.7060, 19.3719, -6.7582



104.8440, 30.1499, -10.3872



91.0390, 17.7288, 6.9818



58.3850, 2.7682, -1.2146



21.0490, 52.7268, -18.4600



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 119.2940, -19.3719, 6.7582 looks on a white 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



# Black Background



This preview shows how the YUV color 119.2940, -19.3719, 6.7582 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

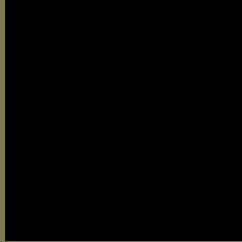
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 119.2940, -19.3719, 6.7582

## Background



This preview shows how black text looks on a background with the YUV color 119.2940, -19.3719, 6.7582.



This preview shows how white text looks on a background with the YUV color 119.2940, -19.3719, 6.7582.



# 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

119.2940, -19.3719, 6.7582

### Protanopia

119.5010, -19.9670, 10.9616

### Deuteranopia

120.6810, -19.5627, 21.3278



## Tritanopia

122.5110, 1.7201, 8.3219

# Trichromacy



## Original Color

119.2940, -19.3719, 6.7582

## Protanomaly

119.4900, -19.9616, 9.2173

## Deuteranomaly

120.3490, -19.3991, 15.4799

## Tritanomaly

121.1490, -5.9895, 7.7623

# Monochromacy



## Original Color

119.2940, -19.3719, 6.7582

## Achromatopsia

119.0000, 0.0000, 0.0000

## Achromatomaly

118.8880, -6.8468, 2.7292

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.2940, -19.3719, 6.7582 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(127, 123, 80)` looks like.

```
.text, #text, p{  
    color:rgb(127, 123, 80)  
}
```

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(127, 123, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 123, 80) }
```

## Border

The CSS property to change the border of an element to YUV 119.2940, -19.3719, 6.7582 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(127, 123, 80) }
```



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

```
.border{ border-color:rgb(127, 123, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 123, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 123, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 123, 80);  
box-shadow:4px 4px 4px 4px rgb(127, 123,  
80) }
```

# Background

The CSS property to change the background color of an element to YUV 119.2940, -19.3719, 6.7582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 123, 80) }
```

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

```
.background{ background-color: rgb(127,  
123, 80) }
```

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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