

# Converting Colors

YUV(164.3270, -19.3882,  
11.9912)

Have a look what the booklet for  
YUV(164.3270, -19.3882, 11.9912)  
contains.

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# Color

**YUV(164.3270, -19.3882,  
11.9912)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B2A57D
RGB	178, 165, 125
RGB Percent	70%, 65%, 49%
CMY	0.3020, 0.3529, 0.5098
CMYK	0.00, 0.07, 0.30, 0.30
HSL	45°, 26%, 59%
HSV	45°, 30%, 70%
XYZ	35.5169, 37.8559, 24.8370
YIQ	164.3270, 20.5880, -9.6840

# Conversions

## Conversions Part 2

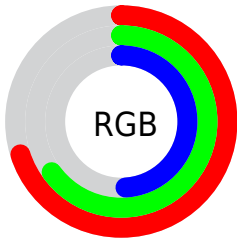
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 178, 125
Decimal	11707773
CIELab	67.91, -1.56, 22.48
CIElCh	68, 22.533, 93.974
Yxy	37.8559, 0.3616, 0.3855
Android (android.graphics.Color)	4289897853 (0xFFB2A57D)
YUV	164.3270, -19.3882, 11.9912
Hunter-Lab	61.5272, -4.6324, 19.1351

# Details

The YUV color  $164.3270, -19.3882, 11.9912$  is a light color, and the websafe version is hex  $999966$ . A complement of this color would be  $138.6730, 19.3882, -11.9912$ , and the grayscale version is  $165.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $219.3980, -20.4092, 12.8060$ , and  $112.3700, -17.9304, 11.0765$  is the 20% darker color. If you saturate the color by 10%, you get  $159.9270, -26.0930, 15.8500$ , and if you desaturate by 10%, it is  $168.7270, -12.6834, 8.1324$ .

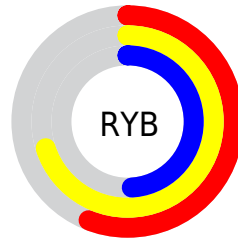
# Distribution



Red (70%)

Green (65%)

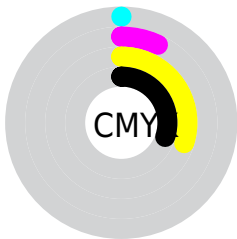
Blue (49%)



Red (56%)

Yellow (70%)

Blue (49%)

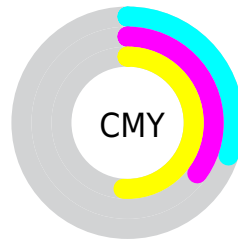


Cyan (0%)

Magenta (7%)

Yellow (30%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 164.3270, -19.3882, 11.9912 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 164.3270, -19.3882, 11.9912 by changing the saturation by 10% instead.



■ 164.3270,  
-19.3882, 11.9912

■ 164.3270,  
-19.3882, 11.9912

■ 255.0000, 0.0000,  
0.0000

■ 138.1420,  
-18.8040, 11.2765

■ 219.3980,  
-20.4092, 12.8060

■ 112.3700,  
-17.9304, 11.0765

■ 245.1910,  
-19.8142, 8.6025

■ 87.8860, -17.1988,  
9.7470

■ 252.6060, -9.1728,  
2.0995

■ 64.4020, -16.4672,  
8.4174

■ 41.9890, -16.7566,  
7.9026

■ 22.1720, -10.9308,  
5.9882

■ 0.0000, 0.0000,

0.0000

■ 164.3270,  
-19.3882, 11.9912

■ 164.3270,  
-19.3882, 11.9912

■ 159.9270,  
-26.0930, 15.8500

■ 168.7270,  
-12.6834, 8.1324

■ 154.9400,  
-32.5084, 20.2236

■ 173.7140, -6.2680,  
3.7588

■ 150.6540,  
-38.7764, 23.9824

■ 178.0000, 0.0000,  
0.0000

■ 146.2540,  
-45.4812, 27.8412

■ 182.4000, 6.7048,  
-3.8588

■ 141.2670,  
-51.8966, 32.2148

■ 187.3870, 13.1202,  
-8.2324

■ 136.8670,  
-58.6014, 36.0736

■ 191.7870, 19.8250,  
-12.0912

■ 131.8800,  
-65.0168, 40.4472

■ 196.7740, 26.2404,  
-16.4648

■ 199.6920, 27.2668,  
-19.0239

■ 202.0400, 26.1093,  
-21.0831

# Harmonies

## Analogous

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



166.1700, -17.8318, 26.1609



164.3270, -19.3882, 11.9912



161.9550, -15.2608, -5.2225

# Triad

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



164.3270, -19.3882, 11.9912



156.9220, 14.8285, -42.9046



168.7930, 7.4971, 22.1065

# Complementary

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



164.3270, -19.3882, 11.9912



138.6730, 19.3882, -11.9912

# 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.



167.4470, 15.5556, 3.9930



164.3270, -19.3882, 11.9912



159.7580, 20.3323, -34.8678

# Square

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



164.3270, -19.3882, 11.9912



157.1370, 5.3555, -37.8311



164.2810, 20.5675, -16.9094



168.8130, -2.8658, 32.6130



# Rectangle

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



164.3270, -19.3882, 11.9912



160.0720, -9.4025, -17.6031



164.2810, 20.5675, -16.9094



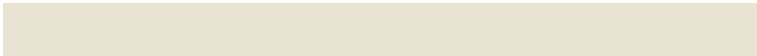
168.8570, 10.4235, 16.7884

# Sweetspot

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



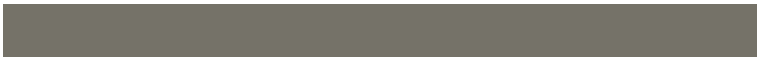
164.3270, -19.3882, 11.9912



226.6710, -7.7258, 4.6735



142.3290, -2.1342, 31.2835



113.7570, -4.8102, 2.8441



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



164.3270, -19.3882, 11.9912



210.7980, -30.4664, 18.5942



168.0710, -21.2340, -2.6933



86.8000, -3.3524, 1.9294



113.2520, -55.8332, 34.8590



18.9270, -9.3310, 6.2030



# Inverse Universe

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



138.6730, 19.3882, -11.9912



170.2020, 30.4664, -18.5942



134.9290, 21.2340, 2.6933



82.7870, 3.0630, -2.4442



39.7480, 55.8332, -34.8590



6.4860, 9.6204, -5.6882



# Previews

## White Background



This preview shows how the YUV color 164.3270, -19.3882, 11.9912 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

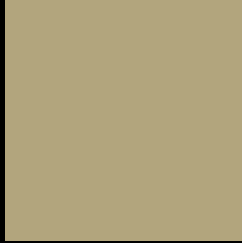
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 164.3270, -19.3882, 11.9912 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

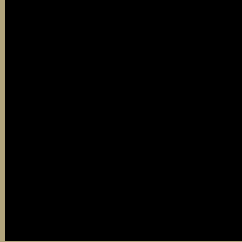
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 164.3270, -19.3882, 11.9912 Background



This preview shows how black text looks on a background with the YUV color 164.3270, -19.3882, 11.9912.



This preview shows how white text looks on a background with the YUV color 164.3270, -19.3882, 11.9912.



# 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

164.3270, -19.3882, 11.9912

### Protanopia

164.0280, -19.2408, 11.3764

### Deuteranopia

166.0020, -19.7210, 25.4312



## Tritanopia

167.5440, 1.7038, 13.5549

# Trichromacy



## Original Color

164.3270, -19.3882, 11.9912

## Protanomaly

164.0280, -19.2408, 11.3764

## Deuteranomaly

165.3820, -19.4153, 20.7130

## Tritanomaly

166.1820, -6.0057, 12.9954

# Monochromacy



## Original Color

164.3270, -19.3882, 11.9912

## Achromatopsia

164.0000, 0.0000, 0.0000

## Achromatomaly

163.8990, -6.8522, 4.4736

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 164.3270, -19.3882, 11.9912 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(178, 165, 125)` looks like.

```
.text, #text, p{  
    color:rgb(178, 165, 125)  
}
```

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(178, 165, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 165, 125) }
```

## Border

The CSS property to change the border of an element to YUV 164.3270, -19.3882, 11.9912 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(178, 165, 125) }
```



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

```
.border{ border-color:rgb(178, 165, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 165, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 165, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 165, 125);  
box-shadow:4px 4px 4px 4px rgb(178, 165,  
125) }
```

# Background

The CSS property to change the background color of an element to YUV 164.3270, -19.3882, 11.9912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 165, 125) }
```

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

```
.background{ background-color: rgb(178,  
165, 125) }
```

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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