

# Converting Colors

YUV(147.5300, -17.0233,  
46.8932)

Have a look what the booklet for  
YUV(147.5300, -17.0233, 46.8932)  
contains.

<b>YUV(147.5300, -17.0233, 46.8932)</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(147.5300, -17.0233,  
46.8932)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C97F71
RGB	201, 127, 113
RGB Percent	79%, 50%, 44%
CMY	0.2118, 0.5020, 0.5569
CMYK	0.00, 0.37, 0.44, 0.21
HSL	10°, 45%, 62%
HSV	10°, 44%, 79%
XYZ	34.6574, 28.7885, 19.3529
YIQ	147.5300, 48.5980, 11.3340

# Conversions

## Conversions Part 2

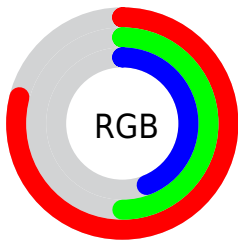
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 130, 113
Decimal	13205361
CIE Lab	60.59, 27.06, 19.61
CIE LCh	61, 33.419, 35.930
Yxy	28.7885, 0.4186, 0.3477
Android (android.graphics.Color)	4291395441 (0xFFC97F71)
YUV	147.5300, -17.0233, 46.8932
Hunter-Lab	53.6549, 21.4027, 16.1730

# Details

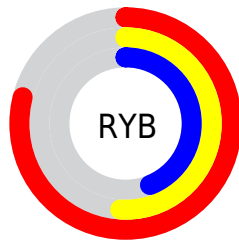
The YUV color **147.5300, -17.0233, 46.8932** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **166.4700, 17.0233, -46.8932**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.7150, -17.6075, 47.6079**, and **95.6650, -15.1178, 42.3898** is the 20% darker color. If you saturate the color by 10%, you get **135.2710, -20.8396, 57.6443**, and if you desaturate by 10%, it is **159.7890, -13.2070, 36.1420**.

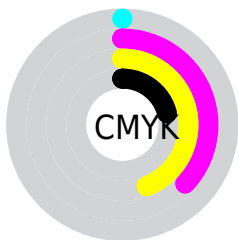
# Distribution



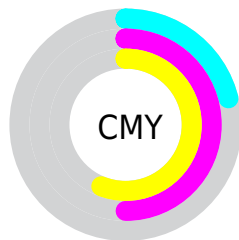
- Red (79%)
- Green (50%)
- Blue (44%)



- Red (79%)
- Yellow (51%)
- Blue (44%)



- Cyan (0%)
- Magenta (37%)
- Yellow (44%)
- Black (21%)



- Cyan (21%)
- Magenta (50%)
- Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 147.5300, -17.0233, 46.8932 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 147.5300, -17.0233, 46.8932 by changing the saturation by 10% instead.





 147.5300,  
-17.0233, 46.8932


 147.5300,  
-17.0233, 46.8932


255.0000, 0.0000,  
0.0000

 120.7470,  
-16.1443, 44.9489


 200.7150,  
-17.6075, 47.6079


 95.6650, -15.1178,  
42.3898


 220.2290,  
-13.9169, 30.4942


 70.9960, -13.8020,  
40.3455

 240.4440,  
-10.0789, 12.7656

 47.0280, -12.3388,  
37.6864

 254.2020, -3.0576,  
0.6998

 22.0710, -10.8810,  
36.7717

 12.3730, -5.6069,  
25.1059

 0.0000, 0.0000,

0.0000

■ 147.5300,  
-17.0233, 46.8932

■ 147.5300,  
-17.0233, 46.8932

■ 135.2710,  
-20.8396, 57.6443

■ 159.7890,  
-13.2070, 36.1420

■ 123.0120,  
-24.6559, 68.3955

■ 172.0480, -9.3907,  
25.3909

■ 110.7530,  
-28.4722, 79.1466

■ 184.3070, -5.5744,  
14.6398

■ 98.4940, -32.2885,  
89.8978

■ 196.5660, -1.7580,  
3.8886

■ 86.1210, -36.5417,  
100.7489

■ 208.9390, 2.4951,  
-6.9625

■ 78.8830, -38.8893,  
107.0966

■ 220.6110, 6.6008,  
-17.1988

■ 232.8700, 10.4171,  
-27.9500

■ 238.8540, 7.9600,  
-33.1980

# Harmonies

## Analogous

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



148.9720, -3.9302, 47.3826



147.5300, -17.0233, 46.8932



145.7490, -26.0053, 34.4231

# Triad

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



147.5300, -17.0233, 46.8932



135.2220, -7.0114, -37.9057



143.3320, 29.9093, -26.6012

# Complementary

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



147.5300, -17.0233, 46.8932



166.4700, 17.0233, -46.8932

# 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.



132.4970, 32.7860, -62.7029



147.5300, -17.0233, 46.8932



127.5570, 11.5574, -67.1405

# Square

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



147.5300, -17.0233, 46.8932



140.3150, -21.3543, -10.8003



121.0070, 29.0835, -88.5831



148.8910, 22.2387, 7.1116



# Rectangle

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



147.5300, -17.0233, 46.8932



144.3900, -28.2933, 21.5830



121.0070, 29.0835, -88.5831



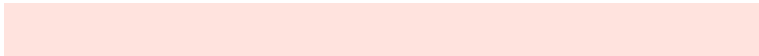
140.0100, 31.5471, -38.5968

# Sweetspot

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



147.5300, -17.0233, 46.8932



234.8020, -6.3114, 17.7136



147.8620, 19.7880, 46.6020



115.0400, -3.9637, 11.3659



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



147.5300, -17.0233, 46.8932



172.6920, -25.9772, 72.1841



172.7710, -29.4671, 24.7568



93.2780, -1.6161, 5.0182



63.9990, -31.5515, 86.8239



14.2860, -7.0430, 19.0432



# Inverse Universe

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



166.4700, 17.0233, -46.8932



201.7210, 26.2665, -71.6693



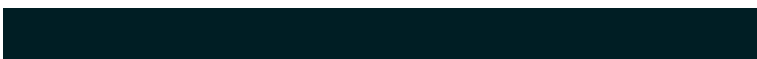
141.2290, 29.4671, -24.7568



95.7220, 1.6161, -5.0182



99.0010, 31.5515, -86.8239



21.7140, 7.0430, -19.0432



# Previews

## White Background



This preview shows how the YUV color 147.5300, -17.0233, 46.8932 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

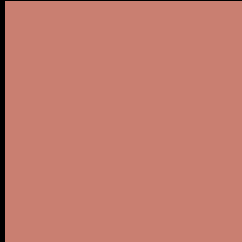
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 147.5300, -17.0233, 46.8932 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 147.5300, -17.0233, 46.8932

## Background



This preview shows how black text looks on a background with the YUV color 147.5300, -17.0233, 46.8932.



This preview shows how white text looks on a background with the YUV color 147.5300, -17.0233,



# 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

147.5300, -17.0233, 46.8932

### Protanopia

145.9550, -11.8098, 7.9325

### Deuteranopia

147.1480, -17.8210, 22.6722



## Tritanopia

148.6470, -7.7140, 47.6676

# Trichromacy



## Original Color

147.5300, -17.0233, 46.8932

## Protanomaly

146.5870, -13.6004, 22.2872

## Deuteranomaly

147.3170, -17.4113, 31.2940

## Tritanomaly

148.1370, -10.9135, 47.2379

# Monochromacy



## Original Color

147.5300, -17.0233, 46.8932

## Achromatopsia

148.0000, 0.0000, 0.0000

## Achromatomaly

147.5030, -6.1640, 17.0989

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 147.5300, -17.0233, 46.8932 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(201, 127, 113)` looks like.

```
.text, #text, p{  
    color:rgb(201, 127, 113)  
}
```

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(201, 127, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 127, 113) }
```

## Border

The CSS property to change the border of an element to YUV 147.5300, -17.0233, 46.8932 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(201, 127, 113) }
```



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

```
.border{ border-color:rgb(201, 127, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 127, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 127, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 127, 113);  
box-shadow:4px 4px 4px 4px rgb(201, 127,  
113) }
```

# Background

The CSS property to change the background color of an element to YUV 147.5300, -17.0233, 46.8932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 127, 113) }
```

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

```
.background{ background-color: rgb(201,  
127, 113) }
```

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