

# Converting Colors

YUV(171.5500, -17.5261,  
21.4427)

Have a look what the booklet for  
YUV(171.5500, -17.5261, 21.4427)  
contains.

<b>YUV(171.5500, -17.5261, 21.4427)</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(171.5500, -17.5261,  
21.4427)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4A688
RGB	196, 166, 136
RGB Percent	77%, 65%, 53%
CMY	0.2314, 0.3490, 0.4667
CMYK	0.00, 0.15, 0.31, 0.23
HSL	30°, 34%, 65%
HSV	30°, 31%, 77%
XYZ	40.8451, 40.7858, 29.0122
YIQ	171.5500, 27.5100, -2.9700

# Conversions

## Conversions Part 2

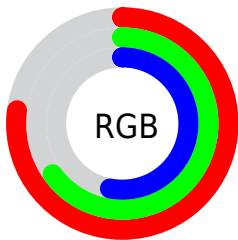
Format	Color
R <sub>Y</sub> B	196, 196, 136
Decimal	12887688
CIE Lab	70.03, 6.51, 19.62
CIE LCh	70, 20.676, 71.633
Yxy	40.7858, 0.3692, 0.3686
Android (android.graphics.Color)	4291077768 (0xFFC4A688)
YUV	171.5500, -17.5261, 21.4427
Hunter-Lab	63.8637, 2.4011, 17.7702

# Details

The YUV color  $171.5500, -17.5261, 21.4427$  is a light color, and the websafe version is hex  $CC9966$ . A complement of this color would be  $160.4500, 17.5262, -21.4426$ , and the grayscale version is  $172.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $226.9200, -18.6946, 22.8722$ , and  $118.8810, -16.2103, 19.3984$  is the 20% darker color. If you saturate the color by 10%, you get  $163.4000, -23.3682, 28.5902$ , and if you desaturate by 10%, it is  $179.7000, -11.6841, 14.2951$ .

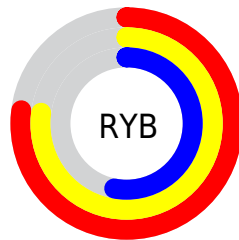
# Distribution



Red (77%)

Green (65%)

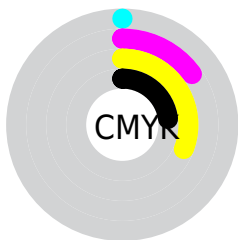
Blue (53%)



Red (77%)

Yellow (77%)

Blue (53%)

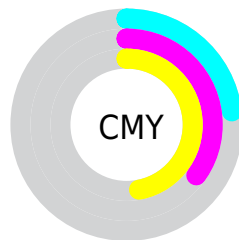


Cyan (0%)

Magenta (15%)

Yellow (31%)

Black (23%)



Cyan (23%)

Magenta (35%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 171.5500, -17.5261, 21.4427 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 171.5500, -17.5261, 21.4427 by changing the saturation by 10% instead.



■ 171.5500,  
-17.5261, 21.4427

■ 171.5500,  
-17.5261, 21.4427

255.0000, 0.0000,  
0.0000

■ 145.0660,  
-16.7945, 20.1131

■ 226.9200,  
-18.6946, 22.8722

■ 118.8810,  
-16.2103, 19.3984

■ 247.7330,  
-15.1514, 6.3732

■ 94.3970, -15.4787,  
18.0688

■ 253.9740, -3.9312,  
0.8998

■ 70.2120, -14.8945,  
17.3541

■ 47.4290, -14.0155,  
15.4098

■ 26.9450, -13.2839,  
14.0802

■ 4.7840, -2.3585,

9.8364

■ 0.0000, 0.0000,  
0.0000

■ 171.5500,  
-17.5261, 21.4427

■ 171.5500,  
-17.5261, 21.4427

■ 163.4000,  
-23.3682, 28.5902

■ 179.7000,  
-11.6841, 14.2951

■ 155.3640,  
-28.7735, 35.6378

■ 187.7360, -6.2788,  
7.2475

■ 147.8010,  
-34.9049, 42.2705

■ 195.2990, -0.1474,  
0.6148

■ 139.7650,  
-40.3101, 49.3181

■ 203.3350, 5.2578,  
-6.4328

■ 131.6150,  
-46.1522, 56.4656

■ 211.4850, 11.0999,  
-13.5803

■ 123.4650,  
-51.9942, 63.6132

■ 219.6350, 16.9419,  
-20.7279

■ 116.1300,  
-57.2521, 70.0460

■ 225.6190, 14.4848,  
-25.9759

■ 230.9020, 11.8803,  
-30.6091

■ 236.7720, 8.9864,  
-35.7570

# Harmonies

## Analogous

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



173.4570, -13.0433, 30.2942



171.5500, -17.5261, 21.4427



169.4620, -17.4828, 7.4878

# Triad

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



171.5500, -17.5261, 21.4427



163.6040, 7.0972, -36.4867



173.6710, 12.4872, 8.1815

# Complementary

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



171.5500, -17.5261, 21.4427



160.4500, 17.5262, -21.4426

# 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.



171.0430, 18.2198, -10.5617



171.5500, -17.5261, 21.4427



164.0690, 15.2490, -37.7715

# Square

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



171.5500, -17.5261, 21.4427



165.0370, -2.9762, -25.4654



167.1610, 19.1476, -28.2052



174.5930, 4.1447, 24.0359



# Rectangle

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



171.5500, -17.5261, 21.4427



168.1940, -14.3926, -3.6781



167.1610, 19.1476, -28.2052



173.2080, 14.6875, 2.4486

# Sweetspot

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



171.5500, -17.5261, 21.4427



245.9210, -6.8631, 7.9623



157.3600, 4.2595, 33.8873



121.5940, -4.2368, 5.6181



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.



171.5500, -17.5261, 21.4427



216.6950, -27.4576, 33.5935



189.1600, -26.2079, 5.9987



92.9250, -2.9210, 3.5738



95.0990, -46.8838, 57.7952



19.8460, -9.7841, 11.5361

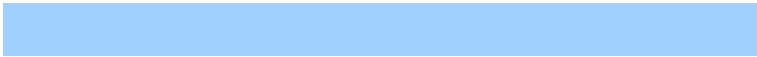


# Inverse Universe

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



160.4500, 17.5262, -21.4426



199.3050, 27.4576, -33.5935



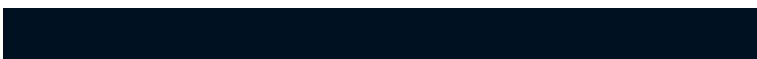
142.8400, 26.2079, -5.9987



91.0750, 2.9210, -3.5738



65.3140, 47.1732, -57.2804



13.7410, 9.4947, -12.0509



# Previews

## White Background



This preview shows how the YUV color 171.5500, -17.5261, 21.4427 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 171.5500, -17.5261, 21.4427 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

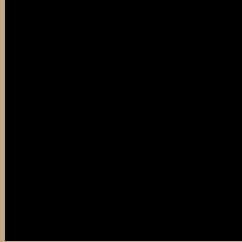
Any Text WCAG AA ✓ Pass

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 171.5500, -17.5261, 21.4427 Background



This preview shows how black text looks on a background with the YUV color 171.5500, -17.5261, 21.4427.



This preview shows how white text looks on a background with the YUV color 171.5500, -17.5261,

21.4427.

# 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

171.5500, -17.5261, 21.4427

### Protanopia

170.5270, -16.0358, 10.0618

### Deuteranopia

172.1590, -17.8264, 24.4166



## Tritanopia

174.0290, -0.5073, 22.7766

# Trichromacy



## Original Color

171.5500, -17.5261, 21.4427

## Protanomaly

170.7340, -16.6309, 14.2653

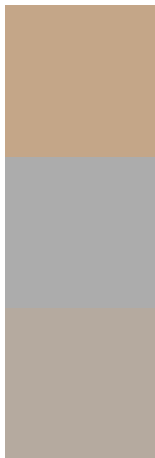
## Deuteranomaly

171.8600, -17.6790, 23.8018

## Tritanomaly

173.4220, -6.6170, 22.4319

# Monochromacy



## Original Color

171.5500, -17.5261, 21.4427

## Achromatopsia

172.0000, 0.0000, 0.0000

## Achromatomaly

172.0350, -6.4263, 7.8623

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 171.5500, -17.5261, 21.4427 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(196, 166, 136)` looks like.

```
.text, #text, p{  
    color:rgb(196, 166, 136)  
}
```

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(196, 166, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 166, 136) }
```

## Border

The CSS property to change the border of an element to YUV 171.5500, -17.5261, 21.4427 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(196, 166, 136) }
```



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

```
.border{ border-color:rgb(196, 166, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 166, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 166, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 166, 136);  
box-shadow:4px 4px 4px 4px rgb(196, 166,  
136) }
```

# Background

The CSS property to change the background color of an element to YUV 171.5500, -17.5261, 21.4427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 166, 136) }
```

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

```
.background{ background-color: rgb(196,  
166, 136) }
```

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