

# Converting Colors

YUV(179.3550, -21.8670,  
13.7207)

Have a look what the booklet for  
YUV(179.3550, -21.8670, 13.7207)  
contains.

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# Color

**YUV(179.3550, -21.8670,  
13.7207)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3B487
RGB	195, 180, 135
RGB Percent	76%, 71%, 53%
CMY	0.2353, 0.2941, 0.4706
CMYK	0.00, 0.08, 0.31, 0.24
HSL	45°, 33%, 65%
HSV	45°, 31%, 76%
XYZ	43.2001, 45.9939, 29.5225
YIQ	179.3550, 23.3850, -10.8150

# Conversions

## Conversions Part 2

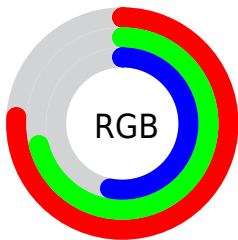
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 195, 135
Decimal	12825735
CIELab	73.54, -1.52, 24.93
CIELCh	74, 24.981, 93.497
Yxy	45.9939, 0.3639, 0.3874
Android (android.graphics.Color)	4291015815 (0xFFC3B487)
YUV	179.3550, -21.8670, 13.7207
Hunter-Lab	67.8188, -4.9796, 21.6634

# Details

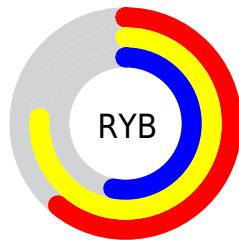
The YUV color  $179.3550, -21.8670, 13.7207$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $150.6450, 21.8670, -13.7207$ , and the grayscale version is  $180.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $235.4260, -22.8880, 14.5354$ , and  $126.0990, -20.2618, 12.1912$  is the 20% darker color. If you saturate the color by 10%, you get  $174.2540, -28.7192, 18.1942$ , and if you desaturate by 10%, it is  $184.5700, -14.5780, 9.1471$ .

# Distribution



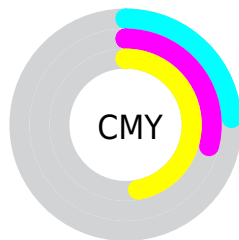
- Red (76%)
- Green (71%)
- Blue (53%)



- Red (61%)
- Yellow (76%)
- Blue (53%)



- Cyan (0%)
- Magenta (8%)
- Yellow (31%)
- Black (24%)



- Cyan (24%)
- Magenta (29%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 179.3550, -21.8670, 13.7207 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 179.3550, -21.8670, 13.7207 by changing the saturation by 10% instead.



■ 179.3550,  
-21.8670, 13.7207

■ 179.3550,  
-21.8670, 13.7207

255.0000, 0.0000,  
0.0000

■ 152.1700,  
-21.2828, 13.0059

■ 235.4260,  
-22.8880, 14.5354

■ 126.0990,  
-20.2618, 12.1912

■ 250.5540,  
-17.0351, 3.8991

■ 100.9140,  
-19.6776, 11.4764

■ 253.8600, -4.3680,  
0.9998

■ 76.8430, -18.6566,  
10.6617

■ 54.2450, -18.3618,  
9.4321

■ 32.8150, -16.1778,  
8.9322

■ 12.1160, -5.9732,

2.5293

0.0000, 0.0000,  
0.0000

179.3550,  
-21.8670, 13.7207

179.3550,  
-21.8670, 13.7207

174.2540,  
-28.7192, 18.1942

184.5700,  
-14.5780, 9.1471

169.0390,  
-36.0082, 22.7678

189.6710, -7.7258,  
4.6735

163.9380,  
-42.8604, 27.2414

194.8860, -0.4368,  
0.1000

159.3100,  
-50.4388, 31.3001

199.4000, 6.7048,  
-3.8588

154.0950,  
-57.7278, 35.8737

204.5010, 13.5570,  
-8.3324

■ 148.9940,  
-64.5800, 40.3473

■ 209.7160, 20.8460,  
-12.9059

■ 144.0070,  
-70.9955, 44.7209

■ 212.9930, 20.7095,  
-15.7799

■ 215.9280, 19.2625,  
-18.3539

■ 218.8630, 17.8155,  
-20.9279

# Harmonies

## Analogous

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



181.2090, -20.3160, 29.6347



179.3550, -21.8670, 13.7207



176.7870, -17.1500, -5.9522

# Triad

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



179.3550, -21.8670, 13.7207



170.7470, 16.8867, -49.7671



184.7440, 8.5072, 24.7805

# Complementary

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



179.3550, -21.8670, 13.7207



150.6450, 21.8670, -13.7207

# 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.



183.3160, 17.5922, 4.1079



179.3550, -21.8670, 13.7207



174.4090, 22.9694, -40.7007

# Square

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



179.3550, -21.8670, 13.7207



171.2180, 5.8085, -43.1642



179.5410, 22.9043, -19.7685



184.2480, -2.5873, 36.6165



# Rectangle

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



179.3550, -21.8670, 13.7207



174.4200, -10.5601, -19.6623



179.5410, 22.9043, -19.7685



184.2100, 11.7285, 18.2328

# Sweetspot

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



179.3550, -21.8670, 13.7207



246.5570, -8.1626, 4.7735



154.6500, -2.2924, 35.3870



123.9420, -5.3944, 3.5589



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.



179.3550, -21.8670, 13.7207



227.8970, -33.9662, 21.1383



183.6750, -23.9968, -3.2230



94.0990, -3.4998, 2.5442



118.5790, -58.4594, 37.2032



24.5420, -12.0992, 7.4177



# Inverse Universe

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



150.6450, 21.8670, -13.7207



183.1030, 33.9662, -21.1383



146.3250, 23.9968, 3.2230



89.9010, 3.4998, -2.5442



41.8340, 58.7488, -36.6884



8.4580, 12.0992, -7.4177



# Previews

## White Background



This preview shows how the YUV color 179.3550, -21.8670, 13.7207 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

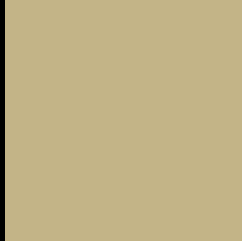
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 179.3550, -21.8670, 13.7207 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

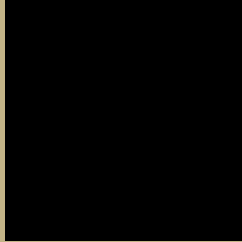
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 179.3550, -21.8670, 13.7207

## Background



This preview shows how black text looks on a background with the YUV color 179.3550, -21.8670, 13.7207.



This preview shows how white text looks on a background with the YUV color 179.3550, -21.8670, 13.7207.



# 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

179.3550, -21.8670, 13.7207

### Protanopia

179.0560, -21.7196, 13.1059

### Deuteranopia

180.7420, -22.0578, 28.2903



## Tritanopia

182.9680, 1.9878, 15.8141

# Trichromacy



## Original Color

179.3550, -21.8670, 13.7207

## Protanomaly

179.0560, -21.7196, 13.1059

## Deuteranomaly

180.4100, -21.8941, 22.4424

## Tritanomaly

181.9650, -6.8847, 14.9397

# Monochromacy



## Original Color

179.3550, -21.8670, 13.7207

## Achromatopsia

179.0000, 0.0000, 0.0000

## Achromatomaly

178.9700, -7.8732, 5.2883

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 179.3550, -21.8670, 13.7207 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(195, 180, 135)` looks like.

```
.text, #text, p{  
    color:rgb(195, 180, 135)  
}
```

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(195, 180, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 180, 135) }
```

## Border

The CSS property to change the border of an element to YUV 179.3550, -21.8670, 13.7207 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(195, 180, 135) }
```



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

```
.border{ border-color:rgb(195, 180, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 180, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 180, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 180, 135);  
box-shadow:4px 4px 4px 4px rgb(195, 180,  
135) }
```

# Background

The CSS property to change the background color of an element to YUV 179.3550, -21.8670, 13.7207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 180, 135) }
```

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

```
.background{ background-color: rgb(195,  
180, 135) }
```

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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