

# Converting Colors

YUV(197.1330, -8.4466, 2.5144)

Have a look what the booklet for  
YUV(197.1330, -8.4466, 2.5144)  
contains.

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# Color

**YUV(197.1330, -8.4466,  
2.5144)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8C7B4
RGB	200, 199, 180
RGB Percent	78%, 78%, 71%
CMY	0.2157, 0.2196, 0.2941
CMYK	0.00, 0.00, 0.10, 0.22
HSL	57°, 15%, 75%
HSV	57°, 10%, 78%
XYZ	52.4811, 56.4215, 51.3044
YIQ	197.1330, 6.6950, -5.6970

# Conversions

## Conversions Part 2

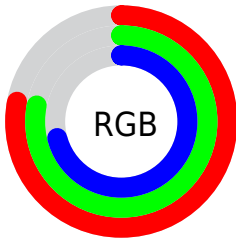
Format	Color
<b>RYB</b>	181, 200, 180
Decimal	13158324
CIELab	79.85, -2.96, 9.63
CIELCh	80, 10.079, 107.102
Yxy	56.4215, 0.3276, 0.3522
Android (android.graphics.Color)	4291348404 (0xFFC8C7B4)
YUV	197.1330, -8.4466, 2.5144
Hunter-Lab	75.1142, -6.7350, 12.0838

# Details

The YUV color  $197.1330, -8.4466, 2.5144$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $182.8670, 8.4466, -2.5144$ , and the grayscale version is  $197.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $252.8340, -8.2992, 1.8996$ , and  $143.2470, -8.0098, 2.4144$  is the 20% darker color. If you saturate the color by 10%, you get  $194.2660, -16.8931, 5.0287$ , and if you desaturate by 10%, it is  $200.0000, 0.0000, 0.0000$ .

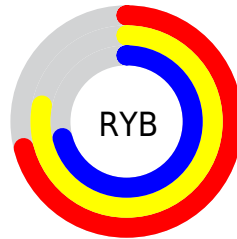
# Distribution



Red (78%)

Green (78%)

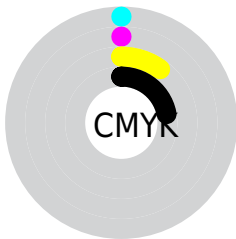
Blue (71%)



Red (71%)

Yellow (78%)

Blue (71%)

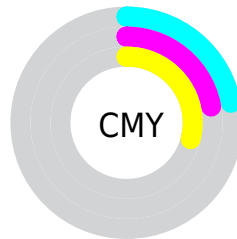


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (22%)



Cyan (22%)

Magenta (22%)


Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 197.1330, -8.4466, 2.5144 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 197.1330, -8.4466, 2.5144 by changing the saturation by 10% instead.




 197.1330, -8.4466,  
2.5144


 197.1330, -8.4466,  
2.5144


255.0000, 0.0000,  
0.0000


 170.1330, -8.4466,  
2.5144


 252.8340, -8.2992,  
1.8996

 143.2470, -8.0098,  
2.4144

 117.9480, -7.8624,  
1.7996

 93.0620, -7.4256,  
1.6996

 69.4750, -7.1362,  
2.2144

 47.2900, -6.5520,  
1.4997

 26.1760, -6.9888,

1.5996

■ 0.0000, 0.0000,  
0.0000

■ 197.1330, -8.4466,  
2.5144

■ 197.1330, -8.4466,  
2.5144

■ 194.2660,  
-16.8931, 5.0287

■ 200.0000, 0.0000,  
0.0000

■ 191.3990,  
-25.3397, 7.5431

■ 202.8670, 8.4466,  
-2.5144

■ 188.5320,  
-33.7863, 10.0574

■ 205.7340, 16.8931,  
-5.0287

■ 185.6650,  
-42.2328, 12.5718

■ 208.0310, 23.1557,  
-7.0432

■ 182.7980,  
-50.6794, 15.0862

■ 208.6180, 22.8663,  
-7.5580

■ 179.9310,  
-59.1260, 17.6005

■ 209.2050, 22.5769,  
-8.0728

■ 177.0640,  
-67.5726, 20.1149

■ 209.7920, 22.2875,  
-8.5876

■ 174.1970,  
-76.0191, 22.6292

■ 210.3790, 21.9982,  
-9.1024

■ 171.3300,  
-84.4657, 25.1436

■ 210.9660, 21.7088,  
-9.6172

# Harmonies

## Analogous

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



198.3620, -9.0525, 10.2065



197.1330, -8.4466, 2.5144



196.1750, -5.5093, -6.2925

# Triad

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



197.1330, -8.4466, 2.5144



195.2520, 7.7638, -16.8840



200.0170, 0.9776, 13.1401

# Complementary

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



197.1330, -8.4466, 2.5144



182.8670, 8.4466, -2.5144

# 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.



199.5260, 5.6567, 5.6777



197.1330, -8.4466, 2.5144



197.0400, 9.3473, -11.4361

# Square

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



197.1330, -8.4466, 2.5144



195.2150, 3.8380, -17.7286



198.5680, 8.5940, -3.1291



200.1870, -3.5432, 16.4990



# Rectangle

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



197.1330, -8.4466, 2.5144



195.5380, -2.7302, -10.9958



198.5680, 8.5940, -3.1291



200.0490, 2.4408, 10.4810

# Sweetspot

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



197.1330, -8.4466, 2.5144



254.0880, -3.4944, 0.7998



186.0940, -2.5113, 12.1956



126.7290, -2.3314, 1.1147



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

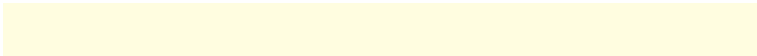


# Same Dimension

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



197.1330, -8.4466, 2.5144



250.2920, -12.9620, 4.1289



195.0290, -7.4093, -3.5334



97.9740, -3.9312, 0.8998



139.7220, -68.8829, 20.4148



30.7220, -15.1459, 4.6288



# Inverse Universe

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



182.8670, 8.4466, -2.5144



228.7080, 12.9620, -4.1289



184.9710, 7.4093, 3.5334



91.0260, 3.9312, -0.8998



23.2780, 68.8829, -20.4148

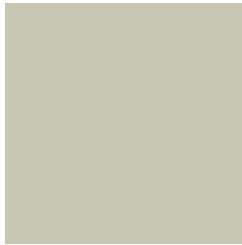


5.2780, 15.1459, -4.6288



# Previews

## White Background



This preview shows how the YUV color 197.1330, -8.4466, 2.5144 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

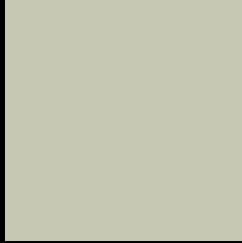
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 197.1330, -8.4466, 2.5144 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

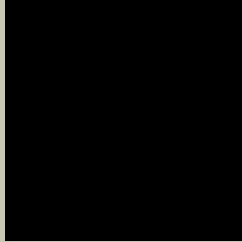
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

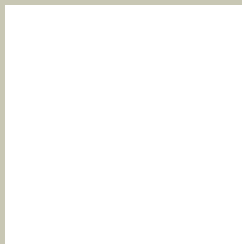
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 197.1330, -8.4466, 2.5144

## Background



This preview shows how black text looks on a background with the YUV color 197.1330, -8.4466, 2.5144.



This preview shows how white text looks on a background with the YUV color 197.1330, -8.4466,

2.5144.

# 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

197.1330, -8.4466, 2.5144

### Protanopia

197.6390, -9.1890, 7.3326

### Deuteranopia

199.5420, -8.6482, 20.5727



## Tritanopia

199.4010, 5.2253, 4.0333

# Trichromacy



## Original Color

197.1330, -8.4466, 2.5144

## Protanomaly

197.6280, -9.1836, 5.5882

## Deuteranomaly

198.7970, -8.7739, 14.2100

## Tritanomaly

198.4350, 0.2785, 4.0035

# Monochromacy



## Original Color

197.1330, -8.4466, 2.5144

## Achromatopsia

197.0000, 0.0000, 0.0000

## Achromatomaly

197.2020, -3.0576, 0.6998

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 197.1330, -8.4466, 2.5144 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(200, 199, 180)` looks like.

```
.text, #text, p{  
    color:rgb(200, 199, 180)  
}
```

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(200, 199, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 199, 180) }
```

## Border

The CSS property to change the border of an element to YUV 197.1330, -8.4466, 2.5144 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(200, 199, 180) }
```



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

```
.border{ border-color:rgb(200, 199, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 199, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 199, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 199, 180);  
box-shadow:4px 4px 4px 4px rgb(200, 199,  
180) }
```

# Background

The CSS property to change the background color of an element to YUV 197.1330, -8.4466, 2.5144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 199, 180) }
```

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

```
.background{ background-color: rgb(200,  
199, 180) }
```

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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