

# Converting Colors

YUV(193.6400, -10.6685,  
15.2247)

Have a look what the booklet for  
YUV(193.6400, -10.6685, 15.2247)  
contains.

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# Color

**YUV(193.6400, -10.6685,  
15.2247)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3BDAC
RGB	211, 189, 172
RGB Percent	83%, 74%, 67%
CMY	0.1725, 0.2588, 0.3255
CMYK	0.00, 0.10, 0.18, 0.17
HSL	26°, 31%, 75%
HSV	26°, 18%, 83%
XYZ	52.5080, 53.2226, 46.5353
YIQ	193.6400, 18.5690, -0.6230

# Conversions

## Conversions Part 2

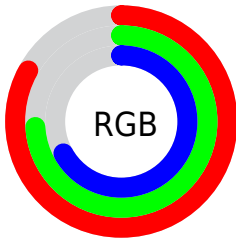
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	211, 202, 172
Decimal	13876652
CIE Lab	78.01, 5.07, 11.43
CIE LCh	78, 12.502, 66.092
Yxy	53.2226, 0.3448, 0.3495
Android (android.graphics.Color)	4292066732 (0xFFD3BDAC)
YUV	193.6400, -10.6685, 15.2247
Hunter-Lab	72.9538, 0.8048, 13.2482

# Details

The YUV color  $193.6400, -10.6685, 15.2247$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $189.3600, 10.6685, -15.2247$ , and the grayscale version is  $194.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $245.9380, -9.3364, 7.9474$ , and  $140.1560, -9.9369, 13.8952$  is the 20% darker color. If you saturate the color by 10%, you get  $184.2020, -16.3686, 23.5018$ , and if you desaturate by 10%, it is  $203.0780, -4.9685, 6.9476$ .

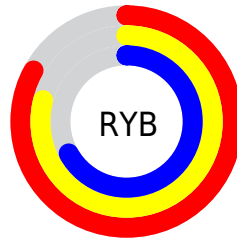
# Distribution



Red (83%)

Green (74%)

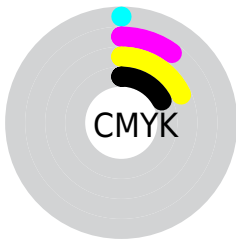
Blue (67%)



Red (83%)

Yellow (79%)

Blue (67%)

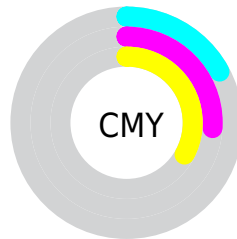


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (17%)



Cyan (17%)

Magenta (26%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 193.6400, -10.6685, 15.2247 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 193.6400, -10.6685, 15.2247 by changing the saturation by 10% instead.



■ 193.6400,  
-10.6685, 15.2247

■ 193.6400,  
-10.6685, 15.2247

255.0000, 0.0000,  
0.0000

■ 166.3410,  
-10.5211, 14.6099

■ 245.9380, -9.3364,  
7.9474

■ 140.1560, -9.9369,  
13.8952

■ 114.2700, -9.5001,  
13.7952

■ 89.6720, -9.2053,  
12.5657

■ 66.4870, -8.6211,  
11.8509

■ 44.0030, -7.8895,  
10.5214

■ 23.0200, -10.3629,

10.5065

■ 0.0000, 0.0000,  
0.0000

■ 193.6400,  
-10.6685, 15.2247

■ 193.6400,  
-10.6685, 15.2247

■ 184.2020,  
-16.3686, 23.5018

■ 203.0780, -4.9685,  
6.9476

■ 174.7640,  
-22.0687, 31.7790

■ 212.5160, 0.7316,  
-1.3295

■ 165.3260,  
-27.7687, 40.0561

■ 221.9540, 6.4317,  
-9.6067

■ 155.8880,  
-33.4688, 48.3332

■ 231.2780, 11.6949,  
-17.7838

■ 146.4500,  
-39.1689, 56.6103

■ 238.3220, 8.2223,  
-23.9614

■ 137.4850,  
-45.5951, 64.4727

■ 241.8440, 6.4859,  
-27.0502

■ 128.0470,  
-51.2952, 72.7498

■ 118.6090,  
-56.9952, 81.0269

■ 117.0930,  
-57.7268, 82.3564

# Harmonies

## Analogous

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



194.5850, -7.1904, 19.6580



193.6400, -10.6685, 15.2247



192.4710, -11.0782, 6.6029

# Triad

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



193.6400, -10.6685, 15.2247



188.9650, 2.9753, -21.0173



194.3130, 8.7197, 3.2335

# Complementary

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



193.6400, -10.6685, 15.2247



189.3600, 10.6685, -15.2247

# 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.



192.9310, 11.3730, -7.8325



193.6400, -10.6685, 15.2247



189.3330, 8.2168, -22.2170

# Square

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



193.6400, -10.6685, 15.2247



189.7010, -3.3036, -13.7698



191.1640, 11.2581, -17.6838



195.0000, 3.4510, 13.1550



# Rectangle

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



193.6400, -10.6685, 15.2247



191.1820, -9.4567, -0.1596



191.1640, 11.2581, -17.6838



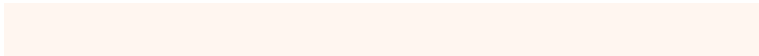
193.6330, 10.0409, -0.5551

# Sweetspot

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



193.6400, -10.6685, 15.2247



248.0070, -3.9475, 6.1329



186.1690, 3.8607, 21.7768



123.4520, -2.1948, 3.9886



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

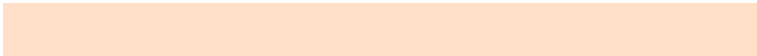


# Same Dimension

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



193.6400, -10.6685, 15.2247



229.8320, -15.2002, 22.0723



204.7930, -16.1669, 5.4435



100.2240, -3.0684, 4.1886



93.0830, -45.8899, 65.7022



22.8250, -11.2527, 15.9395

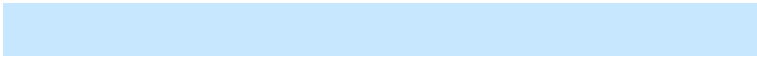


# Inverse Universe

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



189.3600, 10.6685, -15.2247



224.1680, 15.2002, -22.0723



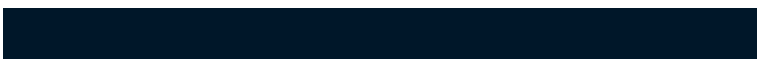
178.2070, 16.1669, -5.4435



98.7760, 3.0684, -4.1886



74.9170, 45.8899, -65.7022



18.1750, 11.2527, -15.9395



# Previews

## White Background



This preview shows how the YUV color 193.6400, -10.6685, 15.2247 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

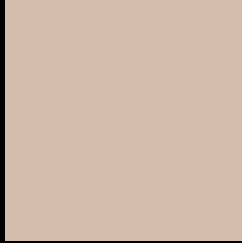
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 193.6400, -10.6685, 15.2247 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

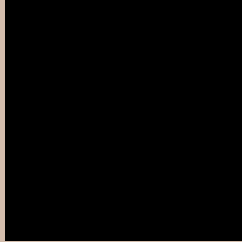
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 193.6400, -10.6685, 15.2247

## Background



This preview shows how black text looks on a background with the YUV color 193.6400, -10.6685, 15.2247.



This preview shows how white text looks on a background with the YUV color 193.6400, -10.6685, 15.2247.



# 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

193.6400, -10.6685, 15.2247

### Protanopia

192.6390, -9.1890, 7.3326

### Deuteranopia

194.3850, -10.5428, 21.5874



## Tritanopia

195.2670, 1.8404, 16.4288

# Trichromacy



## Original Color

193.6400, -10.6685, 15.2247

## Protanomaly

193.1340, -9.9261, 10.4065

## Deuteranomaly

194.0750, -10.3900, 19.2282

## Tritanomaly

194.4150, -2.6696, 16.2990

# Monochromacy



## Original Color

193.6400, -10.6685, 15.2247

## Achromatopsia

194.0000, 0.0000, 0.0000

## Achromatomaly

193.7080, -3.8000, 5.5181

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 193.6400, -10.6685, 15.2247 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(211, 189, 172)` looks like.

```
.text, #text, p{  
    color:rgb(211, 189, 172)  
}
```

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(211, 189, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 189, 172) }
```

## Border

The CSS property to change the border of an element to YUV 193.6400, -10.6685, 15.2247 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(211, 189, 172) }
```



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

```
.border{ border-color:rgb(211, 189, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 189, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 189, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 189, 172);  
box-shadow:4px 4px 4px 4px rgb(211, 189,  
172) }
```

# Background

The CSS property to change the background color of an element to YUV 193.6400, -10.6685, 15.2247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 189, 172) }
```

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

```
.background{ background-color: rgb(211,  
189, 172) }
```

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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