

# Converting Colors

YUV(194.7370, -27.9713,  
11.6317)

Have a look what the booklet for  
YUV(194.7370, -27.9713, 11.6317)  
contains.

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# Color

**YUV(194.7370, -27.9713,  
11.6317)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0C78A
RGB	208, 199, 138
RGB Percent	82%, 78%, 54%
CMY	0.1843, 0.2196, 0.4588
CMYK	0.00, 0.04, 0.34, 0.18
HSL	52°, 43%, 68%
HSV	52°, 34%, 82%
XYZ	51.0233, 56.0917, 32.1823
YIQ	194.7370, 24.9450, -17.0630

# Conversions

## Conversions Part 2

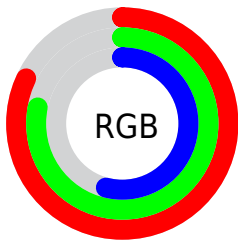
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 208, 138
Decimal	13682570
CIELab	79.67, -5.99, 31.72
CIELCh	80, 32.278, 100.697
Yxy	56.0917, 0.3663, 0.4027
Android (android.graphics.Color)	4291872650 (0xFFD0C78A)
YUV	194.7370, -27.9713, 11.6317
Hunter-Lab	74.8944, -9.4586, 26.9490

# Details

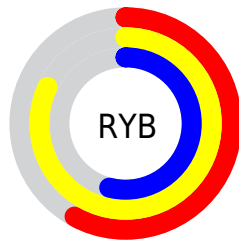
The YUV color  $194.7370, -27.9713, 11.6317$  is a light color, and the websafe version is hex  $CCCC99$ . A complement of this color would be  $151.2630, 27.9713, -11.6317$ , and the grayscale version is  $195.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.8180, -27.5183, 6.2986$ , and  $140.7800, -26.5135, 10.7169$  is the 20% darker color. If you saturate the color by 10%, you get  $190.5820, -36.2759, 15.2756$ , and if you desaturate by 10%, it is  $198.8920, -19.6668, 7.9877$ .

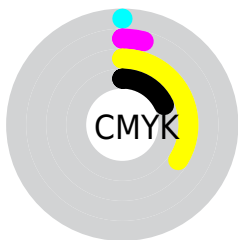
# Distribution



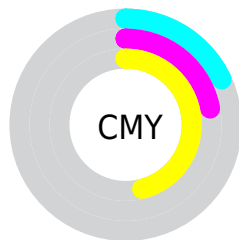
- Red (82%)
- Green (78%)
- Blue (54%)



- Red (58%)
- Yellow (82%)
- Blue (54%)



- Cyan (0%)
- Magenta (4%)
- Yellow (34%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 194.7370, -27.9713, 11.6317 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 194.7370, -27.9713, 11.6317 by changing the saturation by 10% instead.



■ 194.7370,  
-27.9713, 11.6317

■ 194.7370,  
-27.9713, 11.6317

■ 255.0000, 0.0000,  
0.0000

■ 167.5520,  
-27.3871, 10.9169

■ 247.8180,  
-27.5183, 6.2986

■ 140.7800,  
-26.5135, 10.7169

■ 251.0100,  
-15.2879, 3.4992

■ 115.2960,  
-25.7819, 9.3874

■ 254.3160, -2.6208,  
0.5999

■ 90.2250, -24.7609,  
8.5727

■ 66.0400, -24.1767,  
7.8579

■ 44.3110, -21.8453,  
6.7433

■ 24.8080, -12.2303,

2.7994

0.0000, 0.0000,  
0.0000

194.7370,  
-27.9713, 11.6317

194.7370,  
-27.9713, 11.6317

190.5820,  
-36.2759, 15.2756

198.8920,  
-19.6668, 7.9877

187.0140,  
-44.8699, 18.4047

202.4600,  
-11.0728, 4.8586

182.9730,  
-52.7377, 21.9487

206.5010, -3.2050,  
1.3146

178.8180,  
-61.0423, 25.5926

210.6560, 5.0996,  
-2.3293

175.2500,  
-69.6363, 28.7218

214.2240, 13.6936,  
-5.4584

■ 171.0950,  
-77.9408, 32.3657

■ 217.4670, 18.5038,  
-8.3026

■ 168.4390,  
-83.0404, 34.6950

■ 219.2280, 17.6356,  
-9.8470

■ 220.4020, 17.0568,  
-10.8766

■ 222.1630, 16.1886,  
-12.4210

# Harmonies

## Analogous

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



197.5810, -27.8944, 33.6935



194.7370, -27.9713, 11.6317



191.0480, -19.7437, -14.0741

# Triad

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



194.7370, -27.9713, 11.6317



182.4440, 26.4031, -68.7954



202.5930, 7.5957, 37.1909

# Complementary

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



194.7370, -27.9713, 11.6317



151.2630, 27.9713, -11.6317

# 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.



201.1690, 20.6227, 12.1298



194.7370, -27.9713, 11.6317



188.9330, 31.5850, -50.8072

# Square

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



194.7370, -27.9713, 11.6317



182.5190, 12.5621, -62.7222



196.7350, 28.7246, -19.9386



200.4020, -6.1142, 47.8824



# Rectangle

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



194.7370, -27.9713, 11.6317



188.0440, -10.3747, -32.4876



196.7350, 28.7246, -19.9386



202.4010, 12.1273, 30.3433

# Sweetspot

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



194.7370, -27.9713, 11.6317



250.3890, -10.0518, 4.0438



159.9560, -6.3873, 42.1346



125.0020, -6.4100, 2.6292



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.



194.7370, -27.9713, 11.6317



235.7410, -40.7913, 16.8901



192.2460, -26.7433, -8.9857



102.5720, -4.2260, 2.1294



136.5210, -67.3049, 27.6071



33.3910, -16.4618, 6.6731



# Inverse Universe

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



151.2630, 27.9713, -11.6317



172.2590, 40.7913, -16.8901



153.7540, 26.7433, 8.9857



95.8410, 4.5154, -1.6146



32.0660, 67.0155, -28.1219



7.6090, 16.4618, -6.6731



# Previews

## White Background



This preview shows how the YUV color 194.7370, -27.9713, 11.6317 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 194.7370, -27.9713, 11.6317 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

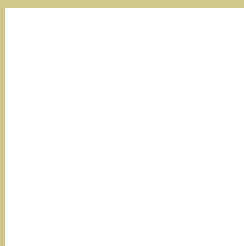
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 194.7370, -27.9713, 11.6317

## Background



This preview shows how black text looks on a background with the YUV color 194.7370, -27.9713, 11.6317.



This preview shows how white text looks on a background with the YUV color 194.7370, -27.9713, 11.6317.



# 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

194.7370, -27.9713, 11.6317

### Protanopia

194.9440, -28.5664, 15.8351

### Deuteranopia

197.1680, -28.1838, 33.1787



## Tritanopia

199.4840, 2.7194, 14.4845

# Trichromacy



## Original Color

194.7370, -27.9713, 11.6317

## Protanomaly

194.9330, -28.5610, 14.0908

## Deuteranomaly

196.4120, -28.3041, 25.0717

## Tritanomaly

197.6120, -8.1897, 13.4953

# Monochromacy



## Original Color

194.7370, -27.9713, 11.6317

## Achromatopsia

195.0000, 0.0000, 0.0000

## Achromatomaly

194.6880, -10.1992, 4.6586

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 194.7370, -27.9713, 11.6317 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(208, 199, 138)` looks like.

```
.text, #text, p{  
    color:rgb(208, 199, 138)  
}
```

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(208, 199, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 199, 138) }
```

## Border

The CSS property to change the border of an element to YUV 194.7370, -27.9713, 11.6317 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(208, 199, 138) }
```



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

```
.border{ border-color:rgb(208, 199, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 199, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 199, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 199, 138);  
box-shadow:4px 4px 4px 4px rgb(208, 199,  
138) }
```

# Background

The CSS property to change the background color of an element to YUV 194.7370, -27.9713, 11.6317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 199, 138) }
```

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

```
.background{ background-color: rgb(208,  
199, 138) }
```

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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