

# Converting Colors

YUV(191.0160, -34.5179,  
11.3870)

Have a look what the booklet for  
YUV(191.0160, -34.5179, 11.3870)  
contains.

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# Color

**YUV(191.0160, -34.5179,  
11.3870)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCC679
RGB	204, 198, 121
RGB Percent	80%, 78%, 47%
CMY	0.2000, 0.2235, 0.5255
CMYK	0.00, 0.03, 0.41, 0.20
HSL	56°, 45%, 64%
HSV	56°, 41%, 80%
XYZ	48.5471, 54.6060, 26.0705
YIQ	191.0160, 28.2930, -22.6750

# Conversions

## Conversions Part 2

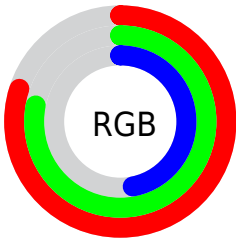
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 204, 121
Decimal	13420153
CIELab	78.81, -9.00, 39.28
CIELCh	79, 40.298, 102.906
Yxy	54.6060, 0.3757, 0.4226
Android (android.graphics.Color)	4291610233 (0xFFCCC679)
YUV	191.0160, -34.5179, 11.3870
Hunter-Lab	73.8959, -12.0493, 30.8096

# Details

The YUV color **191.0160, -34.5179, 11.3870** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **133.9840, 34.5179, -11.3870**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.7660, -35.3806, 8.0982**, and **136.8740, -32.4759, 9.7575** is the 20% darker color. If you saturate the color by 10%, you get **188.1490, -42.9645, 13.9013**, and if you desaturate by 10%, it is **193.8830, -26.0713, 8.8726**.

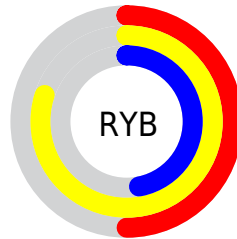
# Distribution



Red (80%)

Green (78%)

Blue (47%)



Red (50%)

Yellow (80%)

Blue (47%)

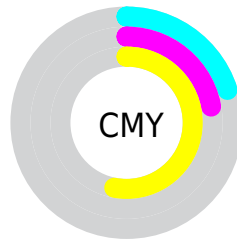


Cyan (0%)

Magenta (3%)

Yellow (41%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 191.0160, -34.5179, 11.3870 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 191.0160, -34.5179, 11.3870 by changing the saturation by 10% instead.



■ 191.0160,  
-34.5179, 11.3870

■ 191.0160,  
-34.5179, 11.3870

■ 255.0000, 0.0000,  
0.0000

■ 163.8310,  
-33.9337, 10.6722

■ 245.7660,  
-35.3806, 8.0982

■ 136.8740,  
-32.4759, 9.7575

■ 248.9580,  
-23.1503, 5.2988

■ 111.5750,  
-32.3285, 9.1427

■ 252.2640,  
-10.4832, 2.3995

■ 85.9770, -32.0337,  
7.9132

■ 62.6070, -30.8653,  
6.4837

■ 41.9300, -20.6715,  
3.5694

■ 23.0140, -11.3459,

-0.8893

■ 0.0000, 0.0000,  
0.0000

■ 191.0160,  
-34.5179, 11.3870

■ 191.0160,  
-34.5179, 11.3870

■ 188.1490,  
-42.9645, 13.9013

■ 193.8830,  
-26.0713, 8.8726

■ 184.5810,  
-51.5584, 17.0305

■ 197.4510,  
-17.4773, 5.7435

■ 181.7140,  
-60.0050, 19.5448

■ 200.3180, -9.0308,  
3.2291

■ 178.1460,  
-68.5990, 22.6740

■ 203.8860, -0.4368,  
0.1000

■ 175.2790,  
-77.0455, 25.1883

■ 206.7530, 8.0098,  
-2.4144

■ 171.9390,  
-84.7659, 28.1175

■ 210.2070, 16.1669,  
-5.4435

■ 212.1620, 21.1191,  
-7.1581

■ 213.3360, 20.5404,  
-8.1877

■ 213.9230, 20.2510,  
-8.7025

# Harmonies

## Analogous

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



194.1920, -34.6047, 39.2966



191.0160, -34.5179, 11.3870



186.3800, -23.3583, -21.3813

# Triad

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



191.0160, -34.5179, 11.3870



167.9110, 38.0049, -103.4079



200.3000, 8.7261, 47.9719

# Complementary

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



191.0160, -34.5179, 11.3870



133.9840, 34.5179, -11.3870

# 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.



199.9400, 24.6796, 17.5926



191.0160, -34.5179, 11.3870



180.8000, 36.5806, -66.4766

# Square

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



191.0160, -34.5179, 11.3870



169.9930, 20.2165, -91.2019



192.5930, 30.7667, -21.5681



194.2070, -7.0041, 53.3155



# Rectangle

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



191.0160, -34.5179, 11.3870



182.1520, -10.9209, -43.9833



192.5930, 30.7667, -21.5681



200.7380, 14.4262, 39.6948

# Sweetspot

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



191.0160, -34.5179, 11.3870



250.2920, -12.9620, 4.1289



146.6150, -9.1772, 50.3266



124.7740, -7.2836, 2.8292



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.



191.0160, -34.5179, 11.3870



235.4670, -51.9952, 17.1304



184.0730, -31.0950, -13.2190



100.2730, -4.0786, 1.5146



140.0320, -69.0358, 22.7739



31.9070, -15.7302, 5.3436



# Inverse Universe

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



133.9840, 34.5179, -11.3870



149.5330, 51.9952, -17.1304



140.9270, 31.0950, 13.2190



93.7270, 4.0786, -1.5146



25.9680, 69.0358, -22.7739



6.0930, 15.7302, -5.3436



# Previews

## White Background



This preview shows how the YUV color 191.0160, -34.5179, 11.3870 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 191.0160, -34.5179, 11.3870 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

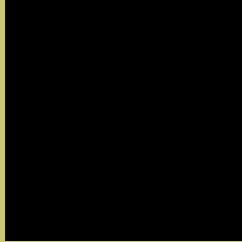
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 191.0160, -34.5179, 11.3870

## Background



This preview shows how black text looks on a background with the YUV color 191.0160, -34.5179, 11.3870.



This preview shows how white text looks on a background with the YUV color 191.0160, -34.5179, 11.3870.



# 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

191.0160, -34.5179, 11.3870

### Protanopia

191.8320, -35.4132, 18.5643

### Deuteranopia

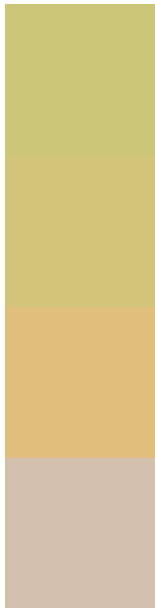
193.5830, -34.3044, 36.3227



## Tritanopia

197.1850, 2.8668, 13.8698

# Trichromacy



## Original Color

191.0160, -34.5179, 11.3870

## Protanomaly

191.5220, -35.2603, 16.2052

## Deuteranomaly

192.5280, -34.2773, 27.6009

## Tritanomaly

195.2160, -10.9525, 12.9656

# Monochromacy



## Original Color

191.0160, -34.5179, 11.3870

## Achromatopsia

191.0000, 0.0000, 0.0000

## Achromatomaly

191.4060, -12.5252, 4.0289

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 191.0160, -34.5179, 11.3870 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(204, 198, 121)` looks like.

```
.text, #text, p{  
    color:rgb(204, 198, 121)  
}
```

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(204, 198, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 198, 121) }
```

## Border

The CSS property to change the border of an element to YUV 191.0160, -34.5179, 11.3870 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(204, 198, 121) }
```



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

```
.border{ border-color:rgb(204, 198, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 198, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 198, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 198, 121);  
box-shadow:4px 4px 4px 4px rgb(204, 198,  
121) }
```

# Background

The CSS property to change the background color of an element to YUV 191.0160, -34.5179, 11.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 198, 121) }
```

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

```
.background{ background-color: rgb(204,  
198, 121) }
```

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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