

# Converting Colors

YUV(167.1360, -13.3780,  
-49.2313)

Have a look what the booklet for  
YUV(167.1360, -13.3780, -49.2313)  
contains.

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# Color

**YUV(167.1360, -13.3780,  
-49.2313)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FC98C
RGB	111, 201, 140
RGB Percent	44%, 79%, 55%
CMY	0.5647, 0.2118, 0.4510
CMYK	0.45, 0.00, 0.30, 0.21
HSL	139°, 45%, 61%
HSV	139°, 45%, 79%
XYZ	32.1758, 47.0462, 32.1959
YIQ	167.1360, -34.0590, -38.0510

# Conversions

## Conversions Part 2

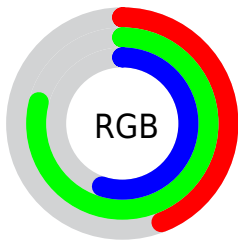
Format	Color
<b>RYB</b>	111, 179, 201
Decimal	7326092
CIELab	74.22, -40.41, 22.31
CIELCh	74, 46.154, 151.097
Yxy	47.0462, 0.2888, 0.4222
Android (android.graphics.Color)	4285516172 (0xFF6FC98C)
YUV	167.1360, -13.3780, -49.2313
Hunter-Lab	68.5903, -36.2983, 20.1828

# Details

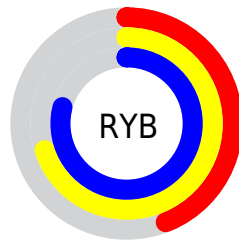
The YUV color **167.1360, -13.3780, -49.2313** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **144.8640, 13.3780, 49.2313**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.7340, -13.6729, -48.0017**, and **112.2930, -11.4834, -50.2460** is the 20% darker color. If you saturate the color by 10%, you get **159.5600, -16.5451, -60.1271**, and if you desaturate by 10%, it is **174.7120, -10.2110, -38.3354**.

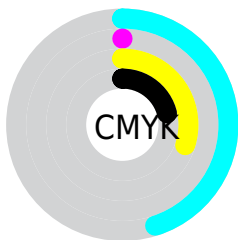
# Distribution



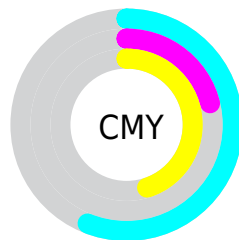
- Red (44%)
- Green (79%)
- Blue (55%)



- Red (44%)
- Yellow (70%)
- Blue (79%)



- Cyan (45%)
- Magenta (0%)
- Yellow (30%)
- Black (21%)



- Cyan (56%)
- Magenta (21%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 167.1360, -13.3780, -49.2313 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 167.1360, -13.3780, -49.2313 by changing the saturation by 10% instead.



■ 167.1360,  
-13.3780, -49.2313

■ 167.1360,  
-13.3780, -49.2313

255.0000, 0.0000,  
0.0000

■ 139.3640,  
-12.5045, -49.4312

■ 221.7340,  
-13.6729, -48.0017

■ 112.2930,  
-11.4834, -50.2460

■ 233.2980, -5.5699,  
-33.5873

■ 84.2430, -8.9938,  
-55.4641

■ 245.2750, 2.8224,  
-18.6582

■ 60.6670, -8.7098,  
-53.2050

254.7010, 0.1474,  
-0.6148

■ 43.4840, -11.0846,  
-38.1355

■ 27.5890, -13.6014,  
-24.1956

■ 13.5010, -6.6560,

-11.8404

■ 0.0000, 0.0000,  
0.0000

■ 167.1360,  
-13.3780, -49.2313

■ 167.1360,  
-13.3780, -49.2313

■ 159.5600,  
-16.5451, -60.1271

■ 174.7120,  
-10.2110, -38.3354

■ 152.0980,  
-19.2753, -71.1229

■ 182.1740, -7.4808,  
-27.3396

■ 144.5220,  
-22.4423, -82.0188


■ 189.7500, -4.3137,  
-16.4438

■ 137.0600,  
-25.1726, -93.0146


■ 197.2120, -1.5835,  
-5.4479


■ 129.4840,  
-28.3396, -103.9105


■ 205.0870, 1.4361,  
6.0627

 125.3970,  
-29.7757, -109.9732

 212.6630, 4.6031,  
16.9585

 220.1250, 7.3334,  
27.9544

 222.6180, 13.0063,  
28.3990

 223.3020, 15.6271,  
27.7991

# Harmonies

## Analogous

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



174.6390, -32.8530, -9.3304



167.1360, -13.3780, -49.2313



148.3730, 17.0711, -109.0751

# Triad

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



167.1360, -13.3780, -49.2313



173.2350, 40.3101, -49.3181



181.5430, -19.9877, 64.4218

# Complementary

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



167.1360, -13.3780, -49.2313



144.8640, 13.3780, 49.2313

# 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.



183.9830, -0.4846, 62.2819



167.1360, -13.3780, -49.2313



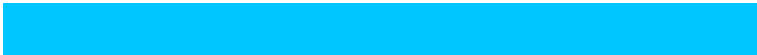
185.6590, 34.1851, 2.0531

# Square

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



167.1360, -13.3780, -49.2313



145.2960, 54.0841, -127.4246



187.9710, 17.7623, 42.9984



182.2260, -36.1004, 52.4218

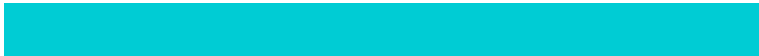


# Rectangle

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



167.1360, -13.3780, -49.2313



143.9160, 33.5654, -126.2143



187.9710, 17.7623, 42.9984



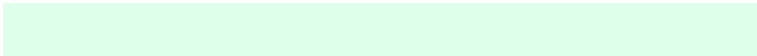
181.8510, -13.7305, 64.1517

# Sweetspot

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



167.1360, -13.3780, -49.2313



242.6250, -4.7451, -18.0881



182.3680, -35.1844, -8.2157



120.1250, -3.0196, -11.5106



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.



167.1360, -13.3780, -49.2313



203.1360, -20.2800, -75.5413



172.2660, 6.2779, -53.7303



95.6250, -1.2941, -4.9331



101.7230, -24.0204, -89.2111



22.5000, -5.1765, -19.7325



# Inverse Universe

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



144.8640, 13.3780, 49.2313



168.9780, 20.7168, 75.4413



139.8480, -5.8411, 53.6303



93.3750, 1.2941, 4.9331



61.3910, 24.4572, 89.1111



13.5000, 5.1765, 19.7325



# Previews

## White Background



This preview shows how the YUV color 167.1360, -13.3780, -49.2313 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

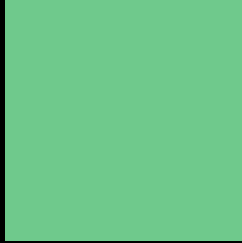
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 167.1360, -13.3780, -49.2313 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

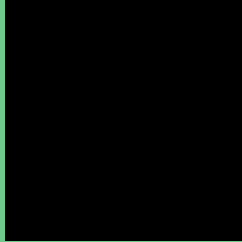
Any Text WCAG AA ✓ Pass

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 167.1360, -13.3780, -49.2313 Background



This preview shows how black text looks on a background with the YUV color 167.1360, -13.3780, -49.2313.



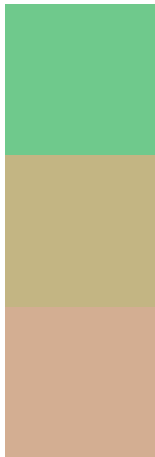
This preview shows how white text looks on a background with the YUV color 167.1360, -13.3780, -49.2313.

-49.2313.

# 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

167.1360, -13.3780, -49.2313

### Protanopia

179.4860, -23.9036, 13.6058

### Deuteranopia

181.8710, -17.6844, 25.5461



## Tritanopia

174.3890, 16.5702, -41.5602

# Trichromacy



## Original Color

167.1360, -13.3780, -49.2313

## Protanomaly

174.6680, -20.0493, -9.3558

## Deuteranomaly

176.7490, -16.1453, -1.5339

## Tritanomaly

171.5060, 5.6665, -44.2938

# Monochromacy



## Original Color

167.1360, -13.3780, -49.2313

## Achromatopsia

167.0000, 0.0000, 0.0000

## Achromatomaly

166.9240, -4.8925, -17.4733

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 167.1360, -13.3780, -49.2313 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(111, 201, 140)` looks like.

```
.text, #text, p{  
    color:rgb(111, 201, 140)  
}
```

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(111, 201, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 201, 140) }
```

## Border

The CSS property to change the border of an element to YUV 167.1360, -13.3780, -49.2313 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(111, 201, 140) }
```



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

```
.border{ border-color:rgb(111, 201, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 201, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 201, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 201, 140);  
box-shadow:4px 4px 4px 4px rgb(111, 201,  
140) }
```

# Background

The CSS property to change the background color of an element to YUV 167.1360, -13.3780, -49.2313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 201, 140) }
```

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

```
.background{ background-color: rgb(111,  
201, 140) }
```

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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