

# Converting Colors

YUV(167.5400, -13.0842,  
-96.9436)

Have a look what the booklet for  
YUV(167.5400, -13.0842, -96.9436)  
contains.

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# Color

**YUV(167.5400, -13.0842,  
-96.9436)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39E58D
RGB	57, 229, 141
RGB Percent	22%, 90%, 55%
CMY	0.7765, 0.1020, 0.4471
CMYK	0.75, 0.00, 0.38, 0.10
HSL	149°, 77%, 56%
HSV	149°, 75%, 90%
XYZ	34.5144, 58.8316, 34.7358
YIQ	167.5400, -74.2640, -63.8320

# Conversions

## Conversions Part 2

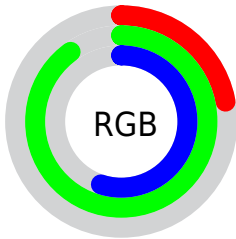
Format	Color
<a href="#">RYB</a>	<a href="#">57, 173, 229</a>
Decimal	<a href="#">3794317</a>
CIELab	<a href="#">81.20, -62.24, 30.93</a>
CIELCh	<a href="#">81, 69.503, 153.579</a>
Yxy	<a href="#">58.8316, 0.2695, 0.4593</a>
Android (android.graphics.Color)	<a href="#">4281984397 (0xFF39E58D)</a>
YUV	<a href="#">167.5400, -13.0842, -96.9436</a>
Hunter-Lab	<a href="#">76.7017, -53.9063, 26.8406</a>

# Details

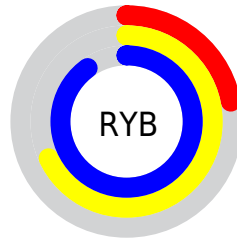
The YUV color **167.5400, -13.0842, -96.9436** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle washed spring green. A complement of this color would be **118.4600, 13.0842, 96.9436**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.1870, -7.4872, -72.0780**, and **111.2240, -10.4634, -97.5434** is the 20% darker color. If you saturate the color by 10%, you get **159.2950, -14.9354, -109.8837**, and if you desaturate by 10%, it is **175.7850, -11.2330, -84.0034**.

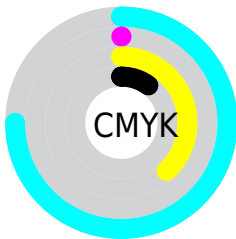
# Distribution



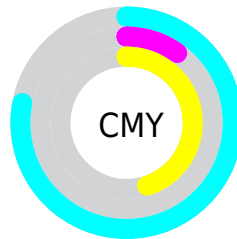
- Red (22%)
- Green (90%)
- Blue (55%)



- Red (22%)
- Yellow (68%)
- Blue (90%)



- Cyan (75%)
- Magenta (0%)
- Yellow (38%)
- Black (10%)



- Cyan (78%)
- Magenta (10%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 167.5400, -13.0842, -96.9436 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 167.5400, -13.0842, -96.9436 by changing the saturation by 10% instead.



■ 167.5400,  
-13.0842, -96.9436

■ 167.5400,  
-13.0842, -96.9436

■ 255.0000, 0.0000,  
0.0000

■ 130.5100, -7.6464,  
-114.4573

■ 210.1870, -7.4872,  
-72.0780

■ 111.2240,  
-10.4634, -97.5434

■ 222.6480, 0.1735,  
-55.8193

■ 92.5250, -13.5698,  
-81.1444

■ 235.2230, 8.2711,  
-39.6606

■ 74.0540, -15.8026,  
-64.9454

■ 244.8340, 5.0118,  
-20.9024

■ 56.0560, -18.7616,  
-49.1611

■ 254.1030, 0.4422,  
-1.8443

■ 38.7420, -19.0998,  
-33.9767

■ 25.2410, -12.4438,

-22.1364

■ 4.6960, -2.3151,  
-4.1184

■ 0.0000, 0.0000,  
0.0000

■ 167.5400,  
-13.0842, -96.9436

■ 167.5400,  
-13.0842, -96.9436

■ 159.2950,  
-14.9354, -109.8837

■ 175.7850,  
-11.2330, -84.0034


■ 151.1640,  
-16.3499, -122.9238


■ 183.9160, -9.8186,  
-70.9633


■ 147.1910,  
-17.3492, -129.0865


■ 192.1610, -7.9674,  
-58.0232

■ 200.4060, -6.1162,  
-45.0831

 208.6510, -4.2649,  
-32.1429

 216.4830, -2.7031,  
-19.7176

 224.7280, -0.8519,  
-6.7775

 232.9730, 0.9993,  
6.1627

 238.7120, 3.5930,  
14.2846

# Harmonies

## Analogous

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



186.7950, -49.6919, -21.7452



167.5400, -13.0842, -96.9436



160.4830, 23.4259, -140.7436

# Triad

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



167.5400, -13.0842, -96.9436



170.9220, 41.4505, -88.5086



181.2180, -23.7715, 64.7068

# Complementary

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



167.5400, -13.0842, -96.9436



118.4600, 13.0842, 96.9436

# 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.



181.9430, 6.9301, 64.0710



167.5400, -13.0842, -96.9436



199.3030, 27.4586, 12.8893

# Square

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



167.5400, -13.0842, -96.9436



160.5580, 46.5599, -140.8094



196.3000, 28.9391, 51.4799



189.6060, -52.5568, 57.3505



# Rectangle

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



167.5400, -13.0842, -96.9436



165.4990, 42.6450, -145.1426



196.3000, 28.9391, 51.4799



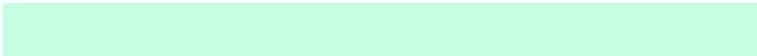
179.9760, -13.2992, 65.7960

# Sweetspot

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



167.5400, -13.0842, -96.9436



233.9390, -4.4069, -33.2725



184.5750, -62.8945, -33.8303



115.0700, -2.9925, -20.2324



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.



167.5400, -13.0842, -96.9436



172.8920, -17.2018, -129.7013



177.2300, 24.0436, -105.4417



110.7280, -0.8519, -6.7775



114.9910, -13.7996, -100.8471



32.7870, -3.8390, -28.7542



# Inverse Universe

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



118.4600, 13.0842, 96.9436



107.2220, 17.6386, 129.6013



108.7700, -24.0436, 105.4417



107.2720, 0.8519, 6.7775



63.8950, 13.3628, 100.9471

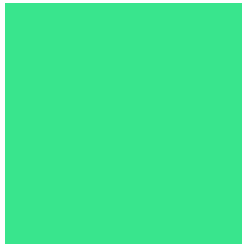


18.2130, 3.8390, 28.7542



# Previews

## White Background



This preview shows how the YUV color 167.5400, -13.0842, -96.9436 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 167.5400, -13.0842, -96.9436 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

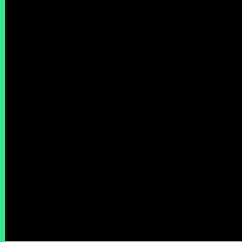
Any Text WCAG AA ✓ Pass

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 167.5400, -13.0842, -96.9436 Background



This preview shows how black text looks on a background with the YUV color 167.5400, -13.0842, -96.9436.



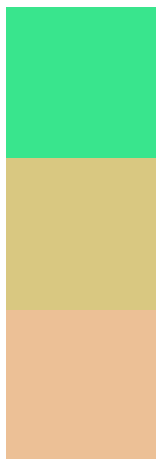
This preview shows how white text looks on a background with the YUV color 167.5400, -13.0842, -96.9436.

-96.9436.

# 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

167.5400, -13.0842, -96.9436

### Protanopia

196.9890, -33.5186, 17.5496

### Deuteranopia

200.3680, -24.8314, 31.2493



## Tritanopia

183.7590, 25.2618, -76.0876

# Trichromacy



## Original Color

167.5400, -13.0842, -96.9436



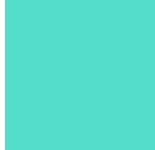
## Protanomaly

186.5600, -26.4051, -24.1701



## Deuteranomaly

188.2220, -20.3224, -15.1037



## Tritanomaly

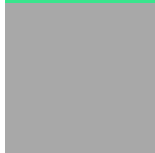
177.7460, 11.4642, -83.9692

# Monochromacy



## Original Color

167.5400, -13.0842, -96.9436



## Achromatopsia

168.0000, 0.0000, 0.0000



## Achromatomaly

167.8140, -4.8383, -34.9169

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 167.5400, -13.0842, -96.9436 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(57, 229, 141)` looks like.

```
.text, #text, p{  
    color:rgb(57, 229, 141)  
}
```

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(57, 229, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 229, 141) }
```

## Border

The CSS property to change the border of an element to YUV 167.5400, -13.0842, -96.9436 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(57, 229, 141) }
```



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

```
.border{ border-color:rgb(57, 229, 141) }
```

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

Here you see how a box with a 4 pixel rgb(57, 229, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 229, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 229, 141);  
box-shadow:4px 4px 4px 4px rgb(57, 229,  
141) }
```

# Background

The CSS property to change the background color of an element to YUV 167.5400, -13.0842, -96.9436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 229, 141) }
```

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

```
.background{ background-color: rgb(57, 229,  
141) }
```

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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