

# Converting Colors

YUV(147.3040, -11.9819,  
-123.9236)

Have a look what the booklet for  
YUV(147.3040, -11.9819, -123.9236)  
contains.

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# Color

**YUV(147.3040, -11.9819,  
-123.9236)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	06E07B
RGB	6, 224, 123
RGB Percent	2%, 88%, 48%
CMY	0.9765, 0.1216, 0.5176
CMYK	0.97, 0.00, 0.45, 0.12
HSL	152°, 95%, 45%
HSV	152°, 97%, 88%
XYZ	30.3059, 54.7801, 27.7152
YIQ	147.3040, -97.5070, -77.6270

# Conversions

## Conversions Part 2

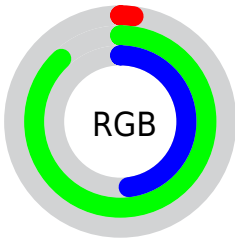
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 148, 224
Decimal	450683
CIELab	78.91, -67.53, 36.90
CIELCh	79, 76.950, 151.349
Yxy	54.7801, 0.2687, 0.4856
Android (android.graphics.Color)	4278640763 (0xFF06E07B)
YUV	147.3040, -11.9819, -123.9236
Hunter-Lab	74.0136, -56.4344, 29.6077

# Details

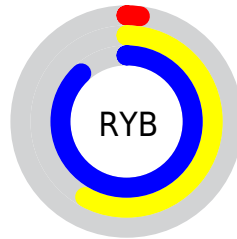
The YUV color **147.3040, -11.9819, -123.9236** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **82.6960, 11.9819, 123.9236**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1550, -12.4014, -82.5739**, and **106.2370, -16.8788, -93.1698** is the 20% darker color. If you saturate the color by 10%, you get **145.1680, -12.4078, -127.3123**, and if you desaturate by 10%, it is **155.0220, -10.8568, -111.3983**.

# Distribution



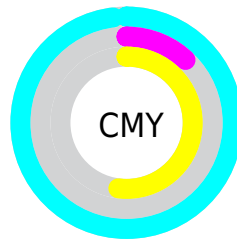
- Red (2%)
- Green (88%)
- Blue (48%)



- Red (2%)
- Yellow (58%)
- Blue (88%)



- Cyan (97%)
- Magenta (0%)
- Yellow (45%)
- Black (12%)



- Cyan (98%)
- Magenta (12%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 147.3040, -11.9819, -123.9236 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 147.3040, -11.9819, -123.9236 by changing the saturation by 10% instead.



■ 147.3040,  
-11.9819, -123.9236

■ 147.3040,  
-11.9819, -123.9236

■ 255.0000, 0.0000,  
0.0000

■ 125.5230,  
-14.0618, -110.0837

■ 202.1550,  
-12.4014, -82.5739

■ 106.2370,  
-16.8788, -93.1698

■ 215.2140, -5.0355,  
-65.0857

■ 87.6520, -19.5484,  
-76.8708

■ 227.9740, 2.4778,  
-48.2122

■ 68.8390, -23.0916,  
-60.3718

■ 240.0500, 7.3704,  
-30.7388

■ 51.0690, -25.1770,  
-44.7875

■ 249.3190, 2.8007,  
-11.6808

■ 36.3940, -17.9422,  
-31.9175

■ 21.7190, -10.7075,

-19.0476

■ 0.0000, 0.0000,  
0.0000

■ 147.3040,  
-11.9819, -123.9236

■ 147.3040,  
-11.9819, -123.9236

■ 145.1680,  
-12.4078, -127.3123

■ 155.0220,  
-10.8568, -111.3983

■ 163.1530, -9.4424,  
-98.3582

■ 170.8710, -8.3174,  
-85.8329

■ 179.0020, -6.9030,  
-72.7928

■ 186.7200, -5.7780,  
-60.2674

■ 194.4380, -4.6529,  
-47.7421

■ 202.5690, -3.2385,  
-34.7020

■ 210.2870, -2.1135,  
-22.1767

■ 218.3040, -1.1359,  
-9.0366

# Harmonies

## Analogous

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



178.5150, -58.4279, -19.7457



147.3040, -11.9819, -123.9236



156.8810, 19.7787, -137.5846

# Triad

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



147.3040, -11.9819, -123.9236



148.2310, 52.6371, -129.9986



170.9140, -22.6356, 73.7434

# Complementary

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



147.3040, -11.9819, -123.9236



82.6960, 11.9819, 123.9236

# 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.



171.8500, 11.4130, 72.9226



147.3040, -11.9819, -123.9236



191.2960, 31.4061, 6.7564

# Square

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



147.3040, -11.9819, -123.9236



158.2100, 47.7175, -138.7502



189.2560, 32.4118, 57.6575



181.0970, -57.2358, 64.8129

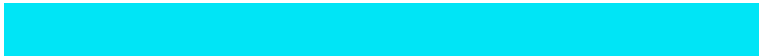


# Rectangle

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



147.3040, -11.9819, -123.9236



162.4670, 41.1818, -142.4836



189.2560, 32.4118, 57.6575



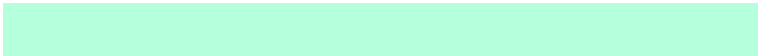
169.4270, -10.5635, 75.0475

# Sweetspot

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



147.3040, -11.9819, -123.9236



228.9980, -3.9430, -42.0942



164.4640, -78.1228, -49.5189



112.1510, -2.5394, -25.5654



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.



147.3040, -11.9819, -123.9236



165.3030, -13.9534, -144.9707



154.7090, 34.1605, -130.4178



108.1410, -0.5625, -6.2627



114.0280, -9.8738, -100.0026



31.1400, -2.5340, -27.3098



# Inverse Universe

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



82.6960, 11.9819, 123.9236



89.6970, 13.9534, 144.9707



75.2910, -34.1605, 130.4178



104.8590, 0.5625, 6.2627



61.9720, 9.8738, 100.0026

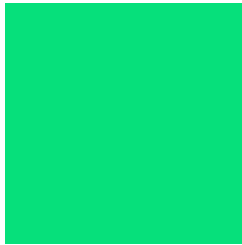


16.8600, 2.5340, 27.3098



# Previews

## White Background



This preview shows how the YUV color 147.3040, -11.9819, -123.9236 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

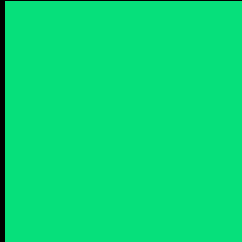
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 147.3040, -11.9819, -123.9236 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 147.3040, -11.9819, -123.9236 Background



This preview shows how black text looks on a background with the YUV color 147.3040, -11.9819, -123.9236.



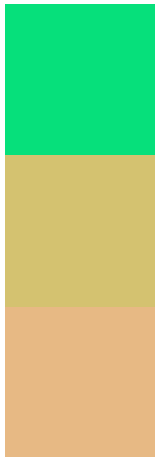
This preview shows how white text looks on a background with the YUV color 147.3040, -11.9819, -123.9236.

-123.9236.

# 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

147.3040, -11.9819, -123.9236

### Protanopia

190.0340, -38.4708, 19.2642

### Deuteranopia

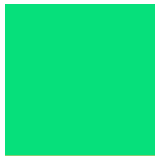
192.7120, -29.9310, 33.5786



## Tritanopia

175.6660, 26.2937, -80.3911

# Trichromacy



## Original Color

147.3040, -11.9819, -123.9236



## Protanomaly

174.5220, -28.8513, -32.9068



## Deuteranomaly

176.0700, -23.2055, -23.7404



## Tritanomaly

165.1960, 12.2284, -95.7649

# Monochromacy



## Original Color

147.3040, -11.9819, -123.9236



## Achromatopsia

147.0000, 0.0000, 0.0000



## Achromatomaly

147.1610, -4.5164, -44.8682

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 147.3040, -11.9819, -123.9236 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(6, 224, 123)` looks like.

```
.text, #text, p{  
    color:rgb(6, 224, 123)  
}
```

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(6, 224, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 224, 123) }
```

## Border

The CSS property to change the border of an element to YUV 147.3040, -11.9819, -123.9236 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(6, 224, 123) }
```



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

```
.border{ border-color:rgb(6, 224, 123) }
```

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

Here you see how a box with a 4 pixel rgb(6, 224, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 224, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 224, 123);  
box-shadow:4px 4px 4px 4px rgb(6, 224,  
123) }
```

# Background

The CSS property to change the background color of an element to YUV 147.3040, -11.9819, -123.9236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 224, 123) }
```

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

```
.background{ background-color: rgb(6, 224,  
123) }
```

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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