

# Converting Colors

YUV(173.9410, -34.4809,  
-47.3063)

Have a look what the booklet for  
YUV(173.9410, -34.4809, -47.3063)  
contains.

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# Color

**YUV(173.9410, -34.4809,  
-47.3063)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78D768
RGB	120, 215, 104
RGB Percent	47%, 84%, 41%
CMY	0.5294, 0.1569, 0.5922
CMYK	0.44, 0.00, 0.52, 0.16
HSL	111°, 58%, 63%
HSV	111°, 52%, 84%
XYZ	34.5449, 53.5934, 21.6206
YIQ	173.9410, -20.9890, -54.6610

# Conversions

## Conversions Part 2

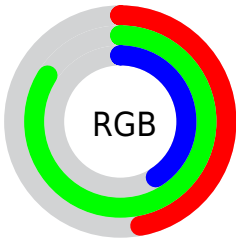
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 215, 199
Decimal	7919464
CIELab	78.22, -49.32, 45.77
CIELCh	78, 67.286, 137.133
Yxy	53.5934, 0.3147, 0.4883
Android (android.graphics.Color)	4286109544 (0xFF78D768)
YUV	173.9410, -34.4809, -47.3063
Hunter-Lab	73.2075, -43.8834, 33.7350

# Details

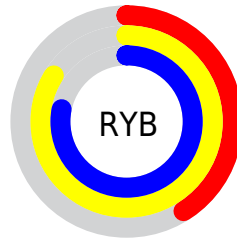
The YUV color **173.9410, -34.4809, -47.3063** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **145.0590, 34.4809, 47.3063**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.5060, -31.3085, -38.1548**, and **117.7990, -32.4389, -48.9357** is the 20% darker color. If you saturate the color by 10%, you get **166.1650, -41.0003, -56.2727**, and if you desaturate by 10%, it is **181.8310, -27.5247, -38.4398**.

# Distribution



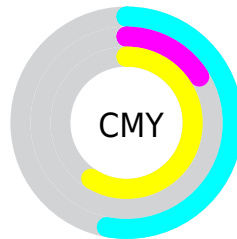
- Red (47%)
- Green (84%)
- Blue (41%)



- Red (41%)
- Yellow (84%)
- Blue (78%)



- Cyan (44%)
- Magenta (0%)
- Yellow (52%)
- Black (16%)



- Cyan (53%)
- Magenta (16%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 173.9410, -34.4809, -47.3063 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 173.9410, -34.4809, -47.3063 by changing the saturation by 10% instead.



■ 173.9410,  
-34.4809, -47.3063

■ 173.9410,  
-34.4809, -47.3063

■ 255.0000, 0.0000,  
0.0000

■ 145.8700,  
-33.4599, -48.1210

■ 220.5060,  
-31.3085, -38.1548

■ 117.7990,  
-32.4389, -48.9357

■ 232.3690,  
-23.3529, -23.1256

■ 88.9940, -31.5490,  
-54.3687

■ 244.5310,  
-15.5448, -7.4817

■ 62.8090, -30.9648,  
-55.0835

■ 253.5180, -5.6784,  
1.2997

■ 47.5470, -23.4407,  
-41.6987

■ 33.4590, -16.4953,  
-29.3435

■ 20.5450, -10.1287,

-18.0180

■ 0.0000, 0.0000,  
0.0000

■ 173.9410,  
-34.4809, -47.3063

■ 173.9410,  
-34.4809, -47.3063

■ 166.1650,  
-41.0003, -56.2727

■ 181.8310,  
-27.5247, -38.4398

■ 157.9760,  
-47.8092, -65.7540

■ 189.9060,  
-21.1527, -28.8586

■ 150.2000,  
-54.3286, -74.7204

■ 197.7960,  
-14.1964, -19.9921

■ 142.0110,  
-61.1374, -84.2016

■ 205.8710, -7.8244,  
-10.4109

■ 135.4740,  
-66.7887, -91.6237

■ 213.7610, -0.8682,  
-1.5444

■ 221.5370, 5.6513,  
7.4221

■ 229.7260, 12.4601,  
16.9033

■ 231.5200, 11.5756,  
20.5920

# Harmonies

## Analogous

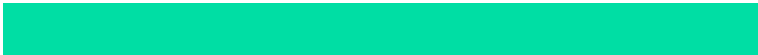
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182.9900, -58.6621, 8.7788



173.9410, -34.4809, -47.3063



149.0100, 7.3901, -130.6818

# Triad

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



173.9410, -34.4809, -47.3063



151.1660, 51.1902, -132.5726



175.4910, -7.6371, 69.7294

# Complementary

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



173.9410, -34.4809, -47.3063



145.0590, 34.4809, 47.3063

# 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.



183.8470, 19.3024, 62.4012



173.9410, -34.4809, -47.3063



183.0800, 35.4566, -32.5192

# Square

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



173.9410, -34.4809, -47.3063



158.2100, 47.7175, -138.7502



196.5220, 28.8297, 39.8842



179.6730, -37.3068, 66.0618



# Rectangle

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



173.9410, -34.4809, -47.3063



155.0860, 25.5936, -136.0104



196.5220, 28.8297, 39.8842



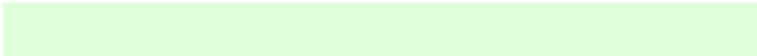
176.7110, 2.1145, 68.6595

# Sweetspot

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



173.9410, -34.4809, -47.3063



240.8010, -11.7339, -16.4885



192.3670, -43.5649, 19.8491



119.3980, -7.0982, -9.9960



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.



173.9410, -34.4809, -47.3063



196.6230, -49.1141, -67.1984



173.6030, -15.0873, -61.0418



103.0550, -3.4781, -4.4332



107.8520, -53.1710, -72.6612



27.0350, -13.3283, -18.4477



# Inverse Universe

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



145.0590, 34.4809, 47.3063



155.3770, 49.1141, 67.1984



145.3970, 15.0873, 61.0418



100.2440, 3.3307, 5.0480



63.1480, 53.1710, 72.6612



15.9650, 13.3283, 18.4477



# Previews

## White Background



This preview shows how the YUV color 173.9410, -34.4809, -47.3063 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 173.9410, -34.4809, -47.3063 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 173.9410, -34.4809, -47.3063 Background



This preview shows how black text looks on a background with the YUV color 173.9410, -34.4809, -47.3063.



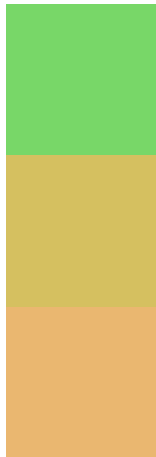
This preview shows how white text looks on a background with the YUV color 173.9410, -34.4809, -47.3063.

-47.3063.

# 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

173.9410, -34.4809, -47.3063

### Protanopia

187.3350, -45.0282, 22.5082

### Deuteranopia

190.1550, -38.5304, 38.4521



**Tritanopia**

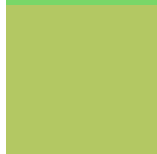
186.5850, 15.9806, -39.1010

# Trichromacy



## Original Color

173.9410, -34.4809, -47.3063



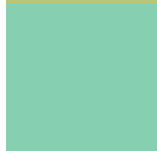
## Protanomaly

182.2070, -41.0211, -2.8125



## Deuteranomaly

184.5980, -37.2698, 7.3686



## Tritanomaly

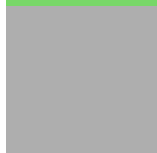
181.7530, -2.3432, -41.8794

# Monochromacy



## Original Color

173.9410, -34.4809, -47.3063



## Achromatopsia

174.0000, 0.0000, 0.0000



## Achromatomaly

173.9750, -12.3127, -17.5181

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 173.9410, -34.4809, -47.3063 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(120, 215, 104)` looks like.

```
.text, #text, p{  
    color:rgb(120, 215, 104)  
}
```

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(120, 215, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 215, 104) }
```

## Border

The CSS property to change the border of an element to YUV 173.9410, -34.4809, -47.3063 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(120, 215, 104) }
```



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

```
.border{ border-color:rgb(120, 215, 104) }
```

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

Here you see how a box with a 4 pixel rgb(120, 215, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 215, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 215, 104);  
box-shadow:4px 4px 4px 4px rgb(120, 215,  
104) }
```

# Background

The CSS property to change the background color of an element to YUV 173.9410, -34.4809, -47.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 215, 104) }
```

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

```
.background{ background-color: rgb(120,  
215, 104) }
```

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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