

# Converting Colors

YUV(174.0600, -11.3686,  
-40.3946)

Have a look what the booklet for  
YUV(174.0600, -11.3686, -40.3946)  
contains.

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# Color

**YUV(174.0600, -11.3686,  
-40.3946)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80CA97
RGB	128, 202, 151
RGB Percent	50%, 79%, 59%
CMY	0.4980, 0.2078, 0.4078
CMYK	0.37, 0.00, 0.25, 0.21
HSL	139°, 41%, 65%
HSV	139°, 37%, 79%
XYZ	35.6085, 49.0646, 36.8718
YIQ	174.0600, -27.7330, -31.5490

# Conversions

## Conversions Part 2

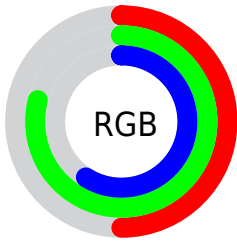
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 184, 202
Decimal	8440471
CIELab	75.49, -33.91, 18.34
CIELCh	75, 38.554, 151.595
Yxy	49.0646, 0.2930, 0.4037
Android (android.graphics.Color)	4286630551 (0xFF80CA97)
YUV	174.0600, -11.3686, -40.3946
Hunter-Lab	70.0461, -31.8388, 17.8224

# Details

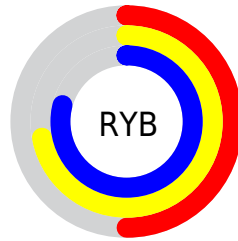
The YUV color  $174.0600, -11.3686, -40.3946$  is a light color, and the websafe version is hex  $99CC99$ . A complement of this color would be  $155.9400, 11.3686, 40.3946$ , and the grayscale version is  $174.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $227.7720, -11.2266, -39.2650$ , and  $120.1140, -9.9162, -39.5650$  is the 20% darker color. If you saturate the color by 10%, you get  $166.4840, -14.5356, -51.2905$ , and if you desaturate by 10%, it is  $181.6360, -8.2015, -29.4988$ .

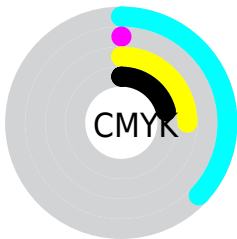
# Distribution



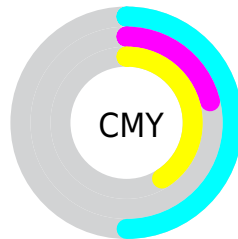
- Red (50%)
- Green (79%)
- Blue (59%)



- Red (50%)
- Yellow (72%)
- Blue (79%)



- Cyan (37%)
- Magenta (0%)
- Yellow (25%)
- Black (21%)



- Cyan (50%)
- Magenta (21%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 174.0600, -11.3686, -40.3946 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 174.0600, -11.3686, -40.3946 by changing the saturation by 10% instead.



■ 174.0600,  
-11.3686, -40.3946

■ 174.0600,  
-11.3686, -40.3946

255.0000, 0.0000,  
0.0000

■ 146.5870,  
-10.6424, -39.9798

■ 227.7720,  
-11.2266, -39.2650

■ 120.1140, -9.9162,  
-39.5650

■ 239.4500, -2.6868,  
-24.9506

■ 94.0430, -8.8952,  
-40.3797

■ 250.5150, 2.2111,  
-9.2217

■ 67.4770, -7.1372,  
-44.2683

■ 45.7980, -7.2954,  
-40.1648

■ 29.0880, -10.3964,  
-25.5102

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,  
0.0000

■ 174.0600,  
-11.3686, -40.3946

■ 174.0600,  
-11.3686, -40.3946

■ 166.4840,  
-14.5356, -51.2905

■ 181.6360, -8.2015,  
-29.4988

■ 158.9080,  
-17.7026, -62.1863

■ 189.2120, -5.0345,  
-18.6029

■ 151.0330,  
-20.7223, -73.6969

■ 197.0870, -2.0149,  
-7.0923

■ 143.4570,  
-23.8893, -84.5928

■ 204.6630, 1.1521,  
3.8035

■ 135.8810,  
-27.0563, -95.4886

■ 212.2390, 4.3192,  
14.6994

■ 128.3050,  
-30.2234, -106.3845

■ 219.8150, 7.4862,  
25.5952

■ 125.7560,  
-30.9387, -110.2880

■ 223.0910, 12.2801,  
27.9842

■ 223.8890, 15.3377,  
27.2843

# Harmonies

## Analogous

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



179.4310, -27.3275, -8.2710



174.0600, -11.3686, -40.3946



166.1710, 10.2687, -73.8180

# Triad

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



174.0600, -11.3686, -40.3946



181.5740, 36.1990, -37.3374



188.2540, -18.3662, 57.6592

# Complementary

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



174.0600, -11.3686, -40.3946



155.9400, 11.3686, 40.3946

# 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.



190.0700, -2.4995, 55.1896



174.0600, -11.3686, -40.3946



189.1770, 28.5067, 3.3528

# Square

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



174.0600, -11.3686, -40.3946



168.7060, 39.0919, -78.6722



190.7160, 14.4370, 36.2061



185.9630, -30.5478, 44.7594



# Rectangle

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



174.0600, -11.3686, -40.3946



160.5350, 24.8792, -93.4312



190.7160, 14.4370, 36.2061



188.6330, -13.1301, 58.2039

# Sweetspot

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



174.0600, -11.3686, -40.3946



244.4620, -4.1718, -15.3142



186.9860, -29.0801, -6.1267



121.5490, -2.7357, -9.2515



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

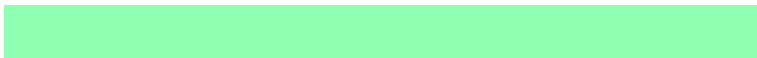


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



174.0600, -11.3686, -40.3946



212.7340, -17.1239, -61.1567



178.1640, 4.3561, -43.9938



98.2120, -1.5835, -5.4479



103.3700, -25.3254, -90.6555



23.6740, -5.7553, -20.7621



# Inverse Universe

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



155.9400, 11.3686, 40.3946



185.2660, 17.1239, 61.1567



151.8360, -4.3561, 43.9938



95.7880, 1.5835, 5.4479



62.6300, 25.3254, 90.6555



14.3260, 5.7553, 20.7621



# Previews

## White Background



This preview shows how the YUV color 174.0600, -11.3686, -40.3946 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

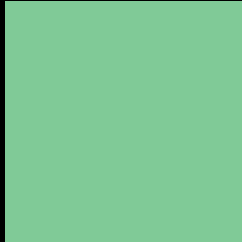
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 174.0600, -11.3686, -40.3946 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

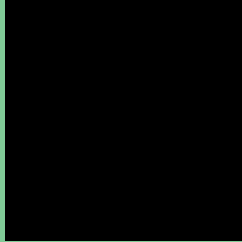
Any Text WCAG AA ✓ Pass

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 174.0600, -11.3686, -40.3946 Background



This preview shows how black text looks on a background with the YUV color 174.0600, -11.3686, -40.3946.



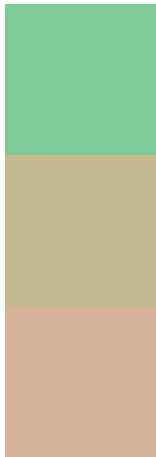
This preview shows how white text looks on a background with the YUV color 174.0600, -11.3686, -40.3946.

-40.3946.

# 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

174.0600, -11.3686, -40.3946

### Protanopia

183.8000, -20.1144, 11.5764

### Deuteranopia

185.9570, -14.7688, 23.7167



## Tritanopia

179.6780, 14.9487, -34.7976

# Trichromacy



## Original Color

174.0600, -11.3686, -40.3946

## Protanomaly

180.1890, -16.8552, -7.1818

## Deuteranomaly

181.7430, -13.6773, 0.2254

## Tritanomaly

177.8490, 5.4974, -36.7016

# Monochromacy



## Original Color

174.0600, -11.3686, -40.3946

## Achromatopsia

174.0000, 0.0000, 0.0000

## Achromatomaly

173.8750, -3.8824, -14.7994

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 174.0600, -11.3686, -40.3946 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(128, 202, 151)` looks like.

```
.text, #text, p{  
    color:rgb(128, 202, 151)  
}
```

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(128, 202, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 202, 151) }
```

## Border

The CSS property to change the border of an element to YUV 174.0600, -11.3686, -40.3946 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(128, 202, 151) }
```



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

```
.border{ border-color:rgb(128, 202, 151) }
```

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

Here you see how a box with a 4 pixel rgb(128, 202, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 202, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 202, 151);  
box-shadow:4px 4px 4px 4px rgb(128, 202,  
151) }
```

# Background

The CSS property to change the background color of an element to YUV 174.0600, -11.3686, -40.3946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 202, 151) }
```

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

```
.background{ background-color: rgb(128,  
202, 151) }
```

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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