

# Converting Colors

YUV(174.3070, 0.8346,  
-34.4722)

Have a look what the booklet for  
YUV(174.3070, 0.8346, -34.4722)  
contains.

<b>YUV(174.3070, 0.8346, -34.4722)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(174.3070, 0.8346,  
-34.4722)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87C2B0
RGB	135, 194, 176
RGB Percent	53%, 76%, 69%
CMY	0.4706, 0.2392, 0.3098
CMYK	0.30, 0.00, 0.09, 0.24
HSL	162°, 33%, 65%
HSV	162°, 30%, 76%
XYZ	37.1199, 46.8691, 48.1645
YIQ	174.3070, -29.3860, -18.1060

# Conversions

## Conversions Part 2

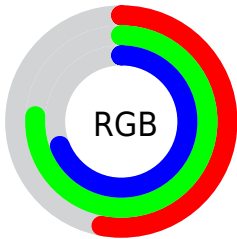
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 170, 194
Decimal	8897200
CIELab	74.11, -22.91, 2.97
CIELCh	74, 23.102, 172.622
Yxy	46.8691, 0.2809, 0.3547
Android (android.graphics.Color)	4287087280 (0xFF87C2B0)
YUV	174.3070, 0.8346, -34.4722
Hunter-Lab	68.4610, -23.0230, 6.2103

# Details

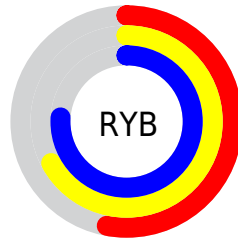
The YUV color  $174.3070, 0.8346, -34.4722$  is a light color, and the websafe version is hex  $99CCCC$ . A complement of this color would be  $154.6930, -0.8346, 34.4722$ , and the grayscale version is  $174.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $230.5950, 0.6927, -35.6018$ , and  $121.1330, 1.4134, -33.4426$  is the 20% darker color. If you saturate the color by 10%, you get  $167.9420, 1.0146, -45.5531$ , and if you desaturate by 10%, it is  $180.6720, 0.6547, -23.3913$ .

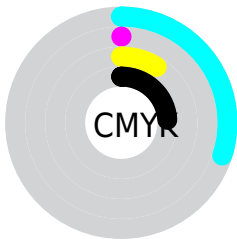
# Distribution



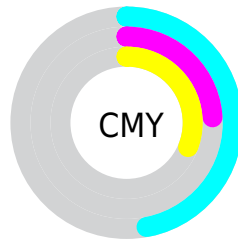
- Red (53%)
- Green (76%)
- Blue (69%)



- Red (53%)
- Yellow (67%)
- Blue (76%)



- Cyan (30%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)



- Cyan (47%)
- Magenta (24%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 174.3070, 0.8346, -34.4722 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 174.3070, 0.8346, -34.4722 by changing the saturation by 10% instead.



■ 174.3070, 0.8346,  
-34.4722

■ 174.3070, 0.8346,  
-34.4722

255.0000, 0.0000,  
0.0000

■ 147.6060, 0.6872,  
-33.8575

■ 230.5950, 0.6927,  
-35.6018

■ 121.1330, 1.4134,  
-33.4426

■ 243.9370, 5.4541,  
-22.7467

■ 95.2470, 1.8502,  
-33.5426

■ 252.6080, 1.1793,  
-4.9182

■ 70.6490, 2.1450,  
-34.7722

■ 44.6700, 3.6137,  
-39.1756

■ 28.7750, 1.0969,  
-25.2357

■ 14.2990, -3.5984,

-12.5402

■ 0.0000, 0.0000,  
0.0000

■ 174.3070, 0.8346,  
-34.4722

■ 174.3070, 0.8346,  
-34.4722

■ 167.9420, 1.0146,  
-45.5531

■ 180.6720, 0.6547,  
-23.3913

■ 161.2780, 1.3419,  
-57.2488

■ 187.3360, 0.3274,  
-11.6957

■ 154.9130, 1.5219,  
-68.3297

■ 193.7010, 0.1474,  
-0.6148

■ 148.2490, 1.8492,  
-80.0254

■ 200.3650, -0.1799,  
11.0809

■ 141.8840, 2.0292,  
-91.1063

■ 206.7300, -0.3599,  
22.1618

■ 135.5190, 2.2091,  
-102.1872

■ 213.0950, -0.5398,  
33.2427

■ 129.2680, 2.8259,  
-113.3680

■ 214.8610, 1.0545,  
35.2019

■ 215.5450, 3.6753,  
34.6020

■ 216.2290, 6.2961,  
34.0022

# Harmonies

## Analogous

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



176.8440, -10.2761, -17.4032



174.3070, 0.8346, -34.4722



173.2270, 12.2131, -44.0491

# Triad

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



174.3070, 0.8346, -34.4722



183.7880, 18.3455, -4.1991



183.4310, -16.9745, 31.1940

# Complementary

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



174.3070, 0.8346, -34.4722



154.6930, -0.8346, 34.4722

# 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.



185.2280, -8.9864, 35.7570



174.3070, 0.8346, -34.4722



185.9710, 10.8603, 16.6884

# Square

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



174.3070, 0.8346, -34.4722



179.5680, 21.9050, -25.9311



185.5400, 1.2128, 31.0984



181.7300, -20.5729, 18.6538



# Rectangle

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



174.3070, 0.8346, -34.4722



173.7200, 17.8860, -43.6044



185.5400, 1.2128, 31.0984



184.0230, -14.8013, 34.1828

# Sweetspot

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



174.3070, 0.8346, -34.4722



244.7380, 0.6222, -12.9252



175.3140, -19.8748, -18.6924



122.9450, 0.0271, -8.7218



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

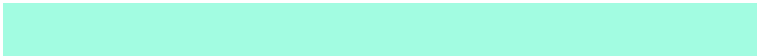


# Same Dimension

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



174.3070, 0.8346, -34.4722



222.0120, 1.4731, -52.6305



169.9020, 11.8803, -30.6091



93.6680, 0.1637, -5.8478



107.2750, 2.3294, -94.0802



21.9930, 0.4965, -19.2879



# Inverse Universe

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



154.6930, -0.8346, 34.4722



191.9880, -1.4731, 52.6305



159.0980, -11.8803, 30.6091



90.3320, -0.1637, 5.8478



53.7250, -2.3294, 94.0802



11.0070, -0.4965, 19.2879



# Previews

## White Background



This preview shows how the YUV color 174.3070, 0.8346, -34.4722 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

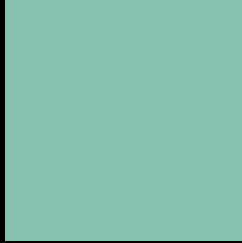
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 174.3070, 0.8346, -34.4722 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

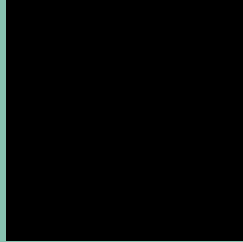
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 174.3070, 0.8346, -34.4722

## Background



This preview shows how black text looks on a background with the YUV color 174.3070, 0.8346, -34.4722.



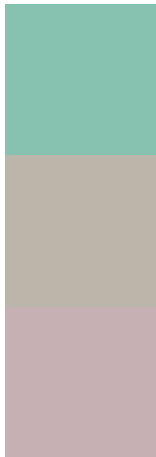
This preview shows how white text looks on a background with the YUV color 174.3070, 0.8346,

-34.4722.

# 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

174.3070, 0.8346, -34.4722

### Protanopia

181.7250, -6.2734, 5.5032

### Deuteranopia

183.3330, -1.6432, 13.7400



## Tritanopia

177.0590, 13.7749, -31.6237

# Trichromacy



## Original Color

174.3070, 0.8346, -34.4722

## Protanomaly

179.3210, -3.6093, -9.0515

## Deuteranomaly

180.4510, -0.7153, -3.9035

## Tritanomaly

175.7940, 8.9756, -32.2683

# Monochromacy



## Original Color

174.3070, 0.8346, -34.4722

## Achromatopsia

174.0000, 0.0000, 0.0000

## Achromatomaly

174.0370, 0.4748, -12.3104

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 174.3070, 0.8346, -34.4722 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(135, 194, 176)` looks like.

```
.text, #text, p{  
    color:rgb(135, 194, 176)  
}
```

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(135, 194, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 194, 176) }
```

## Border

The CSS property to change the border of an element to YUV 174.3070, 0.8346, -34.4722 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(135, 194, 176) }
```



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

```
.border{ border-color:rgb(135, 194, 176) }
```

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

Here you see how a box with a 4 pixel rgb(135, 194, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 194, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 194, 176);  
box-shadow:4px 4px 4px 4px rgb(135, 194,  
176) }
```

# Background

The CSS property to change the background color of an element to YUV 174.3070, 0.8346, -34.4722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 194, 176) }
```

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

```
.background{ background-color: rgb(135,  
194, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor