

# Converting Colors

YUV(174.7750, -2.8471,  
-113.8127)

Have a look what the booklet for  
YUV(174.7750, -2.8471, -113.8127)  
contains.

<b>YUV(174.7750, -2.8471, -113.8127)</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(174.7750, -2.8471,  
-113.8127)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2DF2A9
RGB	45, 242, 169
RGB Percent	18%, 95%, 66%
CMY	0.8235, 0.0510, 0.3373
CMYK	0.81, 0.00, 0.30, 0.05
HSL	158°, 88%, 56%
HSV	158°, 81%, 95%
XYZ	39.9958, 66.9267, 48.3463
YIQ	174.7750, -93.9790, -64.4670

# Conversions

## Conversions Part 2

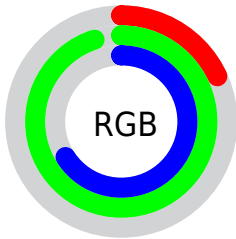
Format	Color
<a href="#">RYB</a>	<a href="#">45, 166, 242</a>
Decimal	<a href="#">3011241</a>
CIELab	<a href="#">85.47, -62.68, 22.36</a>
CIELCh	<a href="#">85, 66.546, 160.364</a>
Yxy	<a href="#">66.9267, 0.2576, 0.4310</a>
Android (android.graphics.Color)	<a href="#">4281201321 (0xFF2DF2A9)</a>
YUV	<a href="#">174.7750, -2.8471, -113.8127</a>
Hunter-Lab	<a href="#">81.8088, -55.8979, 22.2277</a>

# Details

The YUV color **174.7750, -2.8471, -113.8127** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **112.2250, 2.8471, 113.8127**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2970, 5.7696, -77.4365**, and **121.3460, -2.1426, -106.4204** is the 20% darker color. If you saturate the color by 10%, you get **166.5730, -3.2405, -127.6675**, and if you desaturate by 10%, it is **182.9770, -2.4537, -99.9578**.

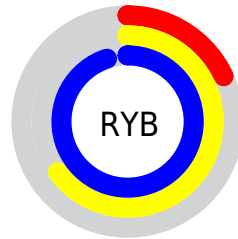
# Distribution



Red (18%)

Green (95%)

Blue (66%)



Red (18%)

Yellow (65%)

Blue (95%)

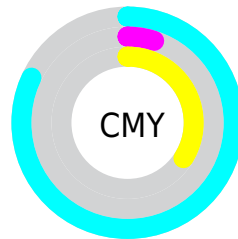


Cyan (81%)

Magenta (0%)

Yellow (30%)

Black (5%)



Cyan (82%)

Magenta (5%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 174.7750, -2.8471, -113.8127 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 174.7750, -2.8471, -113.8127 by changing the saturation by 10% instead.



174.7750, -2.8471,  
-113.8127

174.7750, -2.8471,  
-113.8127

255.0000, 0.0000,  
0.0000

141.2190, 0.3850,  
-123.8491

212.2970, 5.7696,  
-77.4365

121.3460, -2.1426,  
-106.4204

225.4700, 13.5723,  
-60.0482

102.6470, -5.2490,  
-90.0214

235.2660, 9.7289,  
-40.5753

84.0620, -7.9186,  
-73.7224

244.8340, 5.0118,  
-20.9024

65.5910, -10.1514,  
-57.5233

254.1030, 0.4422,  
-1.8443

47.8210, -12.2368,  
-41.9390

31.6980, -15.6271,

-27.7991

■ 16.4360, -8.1029,  
-14.4144

■ 0.0000, 0.0000,  
0.0000

■ 174.7750, -2.8471,  
-113.8127

■ 174.7750, -2.8471,  
-113.8127

■ 166.5730, -3.2405,  
-127.6675

■ 182.9770, -2.4537,  
-99.9578


■ 159.3820, -3.6393,  
-139.7780


■ 191.1790, -2.0602,  
-86.1030


■ 199.6800, -1.8142,  
-71.6334


■ 207.8820, -1.4208,  
-57.7785

 216.0840, -1.0274,  
-43.9237

 224.2860, -0.6340,  
-30.0688

 232.4880, -0.2406,  
-16.2140

 240.9890, 0.0054,  
-1.7444

 246.7990, 1.5781,  
7.1923

# Harmonies

## Analogous

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



197.4930, -41.6550, -32.8814



174.7750, -2.8471, -113.8127



170.4910, 31.3099, -149.5206

# Triad

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



174.7750, -2.8471, -113.8127



195.9610, 29.1062, -49.0778



192.5990, -28.3963, 54.7257

# Complementary

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



174.7750, -2.8471, -113.8127



112.2250, 2.8471, 113.8127

# 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.



191.1070, 1.4262, 56.0342



174.7750, -2.8471, -113.8127



212.9800, 20.7159, 28.9585

# Square

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



174.7750, -2.8471, -113.8127



165.2540, 44.2448, -144.9278



202.1700, 26.0452, 46.3319



201.1980, -53.8346, 47.1844



# Rectangle

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



174.7750, -2.8471, -113.8127



172.2980, 40.7721, -151.1053



202.1700, 26.0452, 46.3319



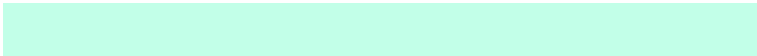
191.1290, -18.7976, 56.0149

# Sweetspot

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



174.7750, -2.8471, -113.8127



234.1390, -1.0545, -35.2019



183.3630, -68.2130, -54.6924



115.3410, -0.6611, -21.3471



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.



174.7750, -2.8471, -113.8127



169.6480, -3.7705, -144.3963



169.5960, 35.6952, -109.2707



115.8420, -0.4151, -6.8774



121.2320, -2.5794, -106.3205



36.8620, -0.9180, -32.3280



# Inverse Universe

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



112.2250, 2.8471, 113.8127



90.3520, 3.7705, 144.3963



117.4040, -35.6952, 109.2707



112.0440, -0.0217, 6.9774



62.7680, 2.5794, 106.3205

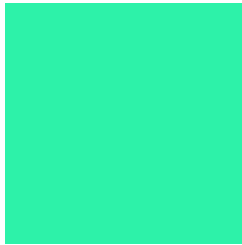


19.1380, 0.9180, 32.3280



# Previews

## White Background



This preview shows how the YUV color 174.7750, -2.8471, -113.8127 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

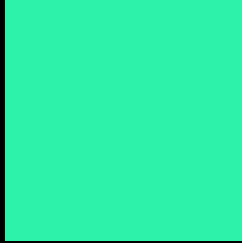
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 174.7750, -2.8471, -113.8127 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

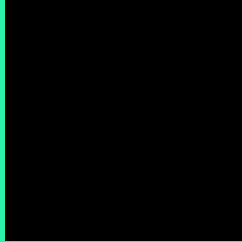
Any Text WCAG AA ✓ Pass

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 174.7750, -2.8471, -113.8127 Background



This preview shows how black text looks on a background with the YUV color 174.7750, -2.8471, -113.8127.



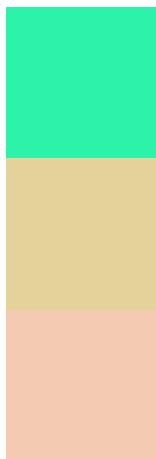
This preview shows how white text looks on a background with the YUV color 174.7750, -2.8471, -113.8127.



# 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

174.7750, -2.8471, -113.8127

### Protanopia

209.4000, -26.8192, 15.4352

### Deuteranopia

212.4090, -16.9636, 27.7053



## Tritanopia

191.8930, 28.6468, -88.4832

# Trichromacy



## Original Color

174.7750, -2.8471, -113.8127



## Protanomaly

196.6930, -18.0896, -31.3028



## Deuteranomaly

198.7570, -11.7122, -23.4659



## Tritanomaly

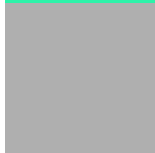
185.8520, 17.3280, -98.0942

# Monochromacy



## Original Color

174.7750, -2.8471, -113.8127



## Achromatopsia

175.0000, 0.0000, 0.0000



## Achromatomaly

174.8070, -0.8909, -41.0497

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 174.7750, -2.8471, -113.8127 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(45, 242, 169)` looks like.

```
.text, #text, p{  
    color:rgb(45, 242, 169)  
}
```

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(45, 242, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 242, 169) }
```

## Border

The CSS property to change the border of an element to YUV 174.7750, -2.8471, -113.8127 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(45, 242, 169) }
```



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

```
.border{ border-color:rgb(45, 242, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 242, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 242, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 242, 169);  
box-shadow:4px 4px 4px 4px rgb(45, 242,  
169) }
```

# Background

The CSS property to change the background color of an element to YUV 174.7750, -2.8471, -113.8127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 242, 169) }
```

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

```
.background{ background-color: rgb(45, 242,  
169) }
```

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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