

Converting Colors

YUV(170.3690, -30.7479,
-124.8576)

Have a look what the booklet for
YUV(170.3690, -30.7479, -124.8576)
contains.

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Color

**YUV(170.3690, -30.7479,
-124.8576)**

Conversions

Conversions Part 1

Format	Color
Hex	1CFF6C
RGB	28, 255, 108
RGB Percent	11%, 100%, 42%
CMY	0.8902, 0.0000, 0.5765
CMYK	0.89, 0.00, 0.58, 0.00
HSL	141°, 100%, 55%
HSV	141°, 89%, 100%
XYZ	38.9457, 72.8496, 26.1961
YIQ	170.3690, -88.1050, -93.8410

Conversions

Conversions Part 2

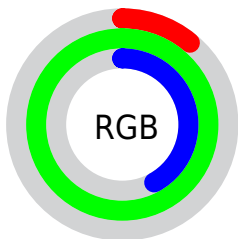
Format	Color
R_{YB}	28, 196, 255
Decimal	1900396
CIE _{Lab}	88.38, -78.52, 55.57
CIE _{LCh}	88, 96.196, 144.715
Yxy	72.8496, 0.2822, 0.5279
Android (android.graphics.Color)	4280090476 (0xFF1CFF6C)
YUV	170.3690, -30.7479, -124.8576
Hunter-Lab	85.3520, -67.9173, 41.5492

Details

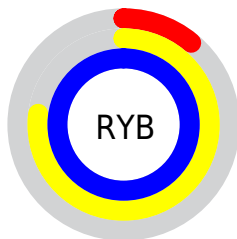
The YUV color **170.3690, -30.7479, -124.8576** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark washed spring green. A complement of this color would be **112.6310, 30.7479, 124.8576**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.7450, -20.5803, -72.5674**, and **121.0940, -33.5703, -106.1994** is the 20% darker color. If you saturate the color by 10%, you get **160.9560, -34.4883, -138.5274**, and if you desaturate by 10%, it is **180.0810, -27.1549, -110.5730**.

Distribution



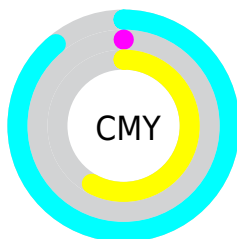
- Red (11%)
- Green (100%)
- Blue (42%)



- Red (11%)
- Yellow (77%)
- Blue (100%)



- Cyan (89%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (89%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.3690, -30.7479, -124.8576 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 170.3690, -30.7479, -124.8576 by changing the saturation by 10% instead.

170.3690,
-30.7479, -124.8576

170.3690,
-30.7479, -124.8576

255.0000, 0.0000,
0.0000

141.3090,
-29.7323, -123.9280

204.7450,
-20.5803, -72.5674

121.0940,
-33.5703, -106.1994

218.1030,
-13.3618, -54.4643

101.0100,
-39.4449, -88.5858

231.2760, -5.5591,
-37.0761

82.1800, -40.5147,
-72.0719

244.1500, 2.3910,
-20.3026

66.3310, -32.7012,
-58.1723

254.4020, 0.2948,
-1.2296

51.0690, -25.1770,
-44.7875

36.3940, -17.9422,

-31.9175

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 170.3690,
-30.7479, -124.8576

■ 170.3690,
-30.7479, -124.8576

■ 160.9560,
-34.4883, -138.5274

■ 180.0810,
-27.1549, -110.5730

■ 159.9450,
-34.4829, -140.2718

■ 189.3800,
-23.8513, -96.8033

■ 199.0920,
-20.2584, -82.5187

■ 208.3910,
-16.9548, -68.7489

■ 218.1030,
-13.3618, -54.4643

■ 227.4020,
-10.0582, -40.6946

■ 237.1140, -6.4652,
-26.4100

■ 246.4130, -3.1616,
-12.6402

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



197.4020, -97.3192, -5.6146



170.3690, -30.7479, -124.8576



172.7130, 14.4385, -151.4693

Triad

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



170.3690, -30.7479, -124.8576



168.7760, 42.5084, -148.0166



172.1170, -10.4107, 72.6884

Complementary

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



170.3690, -30.7479, -124.8576



112.6310, 30.7479, 124.8576

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.



177.7950, 31.6531, 67.7088



170.3690, -30.7479, -124.8576



204.1330, 25.0774, -16.7796

Square

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



170.3690, -30.7479, -124.8576



178.7550, 37.5888, -156.7681



199.2350, 27.4921, 48.9059



186.0210, -58.6774, 60.4946

Rectangle

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



170.3690, -30.7479, -124.8576



178.7550, 37.5888, -156.7681



199.2350, 27.4921, 48.9059



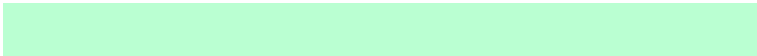
170.8410, 5.0084, 73.8074

Sweetspot

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



170.3690, -30.7479, -124.8576



229.2390, -9.4848, -37.9206



205.5010, -87.5080, -25.8724



112.6630, -5.7499, -22.5065



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.



170.3690, -30.7479, -124.8576



159.9450, -34.4829, -140.2718



183.2510, 18.6103, -136.1551



123.0870, -2.0149, -7.0923



119.7550, -26.0082, -105.0251



40.0760, -8.9115, -35.1467

Inverse Universe

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



112.6310, 30.7479, 124.8576



95.0550, 34.4829, 140.2718



99.7490, -18.6103, 136.1551



119.7990, 1.5781, 7.1923



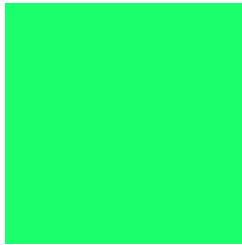
71.2450, 26.0082, 105.0251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 170.3690, -30.7479, -124.8576 looks on a white background.

Color Contrast Check

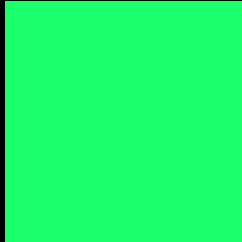
Large Text (above 18pt) WCAG AA × Fail

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 170.3690, -30.7479, -124.8576 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 170.3690, -30.7479, -124.8576 Background



This preview shows how black text looks on a background with the YUV color 170.3690, -30.7479, -124.8576.



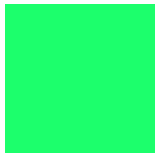
This preview shows how white text looks on a background with the YUV color 170.3690, -30.7479, -124.8576.

-124.8576.

Color Blindness Simulation

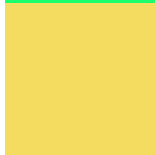
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

170.3690, -30.7479, -124.8576



Protanopia

213.1540, -57.2639, 27.0519



Deuteranopia

218.7010, -29.9256, 31.8342



Tritanopia

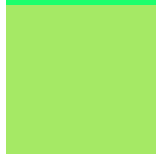
204.6670, 24.8142, -72.4990

Trichromacy



Original Color

170.3690, -30.7479, -124.8576



Protanomaly

197.6200, -47.6337, -28.6077



Deuteranomaly

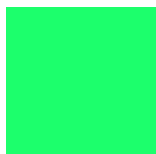
201.2240, -30.1834, -25.6294



Tritanomaly

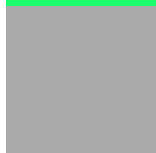
192.5680, 4.6500, -91.7061

Monochromacy



Original Color

170.3690, -30.7479, -124.8576



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.0270, -11.3523, -45.6277

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.3690, -30.7479, -124.8576 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(28, 255, 108)` looks like.

```
.text, #text, p{  
    color:rgb(28, 255, 108)  
}
```

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(28, 255, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 255, 108) }
```

Border

The CSS property to change the border of an element to YUV 170.3690, -30.7479, -124.8576 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(28, 255, 108) }
```


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

```
.border{ border-color:rgb(28, 255, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 255, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 255, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 255, 108);  
box-shadow:4px 4px 4px 4px rgb(28, 255,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 170.3690, -30.7479, -124.8576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 255, 108) }
```

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

```
.background{ background-color: rgb(28, 255,  
108) }
```

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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