

Converting Colors

YUV(171.7370, -25.5063,
-126.0573)

Have a look what the booklet for
YUV(171.7370, -25.5063, -126.0573)
contains.

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Color

**YUV(171.7370, -25.5063,
-126.0573)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 1CFF78 |
| RGB | 28, 255, 120 |
| RGB Percent | 11%, 100%, 47% |
| CMY | 0.8902, 0.0000, 0.5294 |
| CMYK | 0.89, 0.00, 0.53, 0.00 |
| HSL | 144°, 100%, 55% |
| HSV | 144°, 89%, 100% |
| XYZ | 39.6291, 73.1229, 29.7948 |
| YIQ | 171.7370, -91.9570, -90.1090 |

Conversions

Conversions Part 2

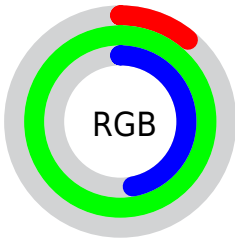
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 28, 190, 255 |
| Decimal | 1900408 |
| CIELab | 88.51, -76.93, 50.34 |
| CIELCh | 89, 91.932, 146.800 |
| Yxy | 73.1229, 0.2780, 0.5130 |
| Android (android.graphics.Color) | 4280090488 (0xFF1CFF78) |
| YUV | 171.7370, -25.5063, -126.0573 |
| Hunter-Lab | 85.5120, -66.9231, 39.2001 |

Details

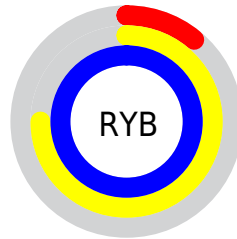
The YUV color **171.7370, -25.5063, -126.0573** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **111.2630, 25.5063, 126.0573**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8140, -15.1913, -74.3819**, and **123.2770, -27.7446, -108.1139** is the 20% darker color. If you saturate the color by 10%, you get **162.5520, -28.3731, -139.9271**, and if you desaturate by 10%, it is **181.2210, -22.7870, -111.5728**.

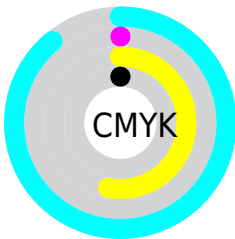
Distribution



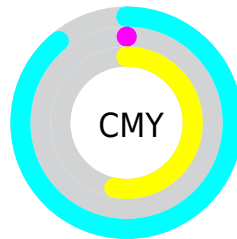
- Red (11%)
- Green (100%)
- Blue (47%)



- Red (11%)
- Yellow (75%)
- Blue (100%)



- Cyan (89%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)



- Cyan (89%)
- Magenta (0%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.7370, -25.5063, -126.0573 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 171.7370, -25.5063, -126.0573 by changing the saturation by 10% instead.

171.7370,
-25.5063, -126.0573

171.7370,
-25.5063, -126.0573

255.0000, 0.0000,
0.0000

142.6770,
-24.4908, -125.1277

205.8140,
-15.1913, -74.3819

123.2770,
-27.7446, -108.1139

219.4710, -8.1202,
-55.6641

103.0620,
-31.5826, -90.3854

232.3450, -0.1701,
-38.8906

82.5220, -39.2043,
-72.3718

244.8340, 5.0118,
-20.9024

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

■ 171.7370,
-25.5063, -126.0573

■ 171.7370,
-25.5063, -126.0573

■ 162.5520,
-28.3731, -139.9271

■ 181.2210,
-22.7870, -111.5728

■ 161.4270,
-28.8045, -141.5715

■ 190.4060,
-19.9202, -97.7031

■ 199.8900,
-17.2008, -83.2185

■ 209.1890,
-13.8972, -69.4488

■ 218.6730,
-11.1778, -54.9642

■ 227.8580, -8.3110,
-41.0945

■ 237.3420, -5.5916,
-26.6099

■ 246.5270, -2.7248,
-12.7402

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.



200.6690, -82.1678, -11.9877



171.7370, -25.5063, -126.0573



173.6250, 17.9329, -152.2691

Triad

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



171.7370, -25.5063, -126.0573



167.0150, 43.3766, -146.4722



177.1720, -13.8888, 68.2552

Complementary

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



171.7370, -25.5063, -126.0573



111.2630, 25.5063, 126.0573

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.



181.1060, 26.5697, 64.8050



171.7370, -25.5063, -126.0573



208.3300, 23.0083, -6.4284

Square

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



171.7370, -25.5063, -126.0573



178.7550, 37.5888, -156.7681



200.4090, 26.9134, 47.8763



189.4120, -58.3771, 57.5207

Rectangle

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



171.7370, -25.5063, -126.0573



178.7550, 37.5888, -156.7681



200.4090, 26.9134, 47.8763



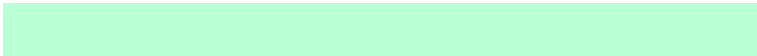
175.6680, 0.6567, 69.5742

Sweetspot

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



171.7370, -25.5063, -126.0573



229.6950, -7.7376, -38.3205



201.9130, -85.7391, -33.2497



112.8910, -4.8763, -22.7064



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.



171.7370, -25.5063, -126.0573



161.4270, -28.8045, -141.5715



184.5050, 23.4150, -137.2549



123.2010, -1.5781, -7.1923



121.0090, -21.2034, -106.1249



40.5320, -7.1643, -35.5466

Inverse Universe

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



111.2630, 25.5063, 126.0573



93.5730, 28.8045, 141.5715



98.4950, -23.4150, 137.2549



119.6850, 1.1413, 7.2923



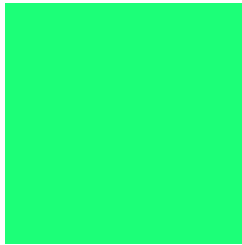
70.1050, 21.6402, 106.0249



23.4680, 7.1643, 35.5466

Previews

White Background



This preview shows how the YUV color 171.7370, -25.5063, -126.0573 looks on a white background.

Color Contrast Check

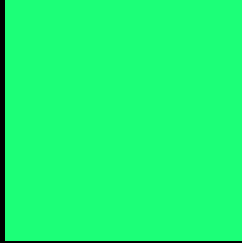
Large Text (above 18pt) WCAG AA × Fail

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 171.7370, -25.5063, -126.0573 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 171.7370, -25.5063, -126.0573 Background



This preview shows how black text looks on a background with the YUV color 171.7370, -25.5063, -126.0573.



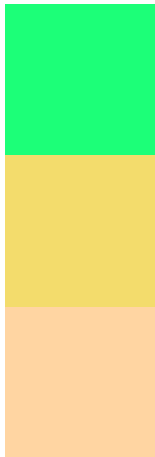
This preview shows how white text looks on a background with the YUV color 171.7370, -25.5063, -126.0573.

-126.0573.

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

171.7370, -25.5063, -126.0573

Protanopia

214.1090, -52.3117, 25.3374

Deuteranopia

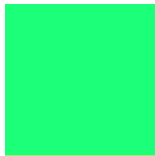
219.7440, -28.4678, 30.9195



Tritanopia

205.8520, 24.2300, -71.7842

Trichromacy



Original Color

171.7370, -25.5063, -126.0573



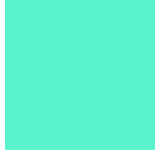
Protanomaly

198.8740, -42.8289, -29.7075



Deuteranomaly

202.0220, -27.1258, -26.3293



Tritanomaly

193.3230, 6.2498, -91.4913

Monochromacy



Original Color

171.7370, -25.5063, -126.0573



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.8960, -9.3157, -45.5128

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.7370, -25.5063, -126.0573 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(28, 255, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 255, 120) }
```

Border

The CSS property to change the border of an element to YUV 171.7370, -25.5063, -126.0573 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, 120) }
```


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

```
.border{ border-color:rgb(28, 255, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 255, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 255, 120);  
box-shadow:4px 4px 4px 4px rgb(28, 255,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 171.7370, -25.5063, -126.0573 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, 120) }
```

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

```
.background{ background-color: rgb(28, 255,  
120) }
```

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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