

Converting Colors

YUV(176.6390, -6.7240,
-130.3564)

Have a look what the booklet for
YUV(176.6390, -6.7240, -130.3564)
contains.

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Color

**YUV(176.6390, -6.7240,
-130.3564)**

Conversions

Conversions Part 1

Format	Color
Hex	1CFFA3
RGB	28, 255, 163
RGB Percent	11%, 100%, 64%
CMY	0.8902, 0.0000, 0.3608
CMYK	0.89, 0.00, 0.36, 0.00
HSL	156°, 100%, 55%
HSV	156°, 89%, 100%
XYZ	42.8497, 74.4112, 46.7547
YIQ	176.6390, -105.7600, -76.7360

Conversions

Conversions Part 2

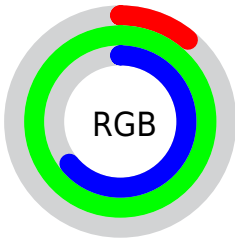
Format	Color
RYB	28, 170, 255
Decimal	1900451
CIELab	89.12, -69.70, 30.35
CIELCh	89, 76.020, 156.471
Yxy	74.4112, 0.2613, 0.4537
Android (android.graphics.Color)	4280090531 (0xFF1CFFA3)
YUV	176.6390, -6.7240, -130.3564
Hunter-Lab	86.2619, -62.2903, 28.2477

Details

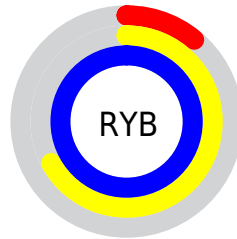
The YUV color **176.6390, -6.7240, -130.3564** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **106.3610, 6.7240, 130.3564**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.7160, 3.5910, -78.6809**, and **128.1790, -8.9622, -112.4130** is the 20% darker color. If you saturate the color by 10%, you get **168.0240, -7.4068, -144.7260**, and if you desaturate by 10%, it is **185.5530, -6.1886, -115.3720**.

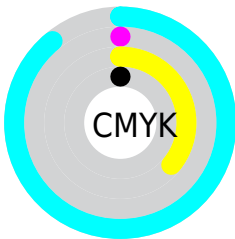
Distribution



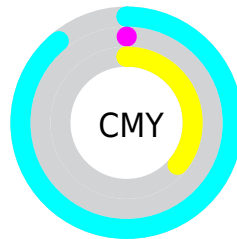
- Red (11%)
- Green (100%)
- Blue (64%)



- Red (11%)
- Yellow (67%)
- Blue (100%)



- Cyan (89%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (89%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 176.6390, -6.7240, -130.3564 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 176.6390, -6.7240, -130.3564 by changing the saturation by 10% instead.


 176.6390, -6.7240,
-130.3564


 176.6390, -6.7240,
-130.3564


255.0000, 0.0000,
0.0000


 148.1660, -5.9978,
-129.9416


 210.7160, 3.5910,
-78.6809


 128.1790, -8.9622,
-112.4130


 224.1880, 11.2463,
-60.6779


 108.3060,
-11.4899, -94.9844


 234.9670, 9.8763,
-41.1901

 89.7210, -14.1595,
-78.6853

 244.5350, 5.1592,
-21.5172

 71.2500, -16.3922,
-62.4862

 254.1030, 0.4422,
-1.8443

 53.1380, -19.7880,
-46.6020

 36.9810, -18.2316,

-32.4323

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 176.6390, -6.7240,
-130.3564

■ 176.6390, -6.7240,
-130.3564

■ 168.0240, -7.4068,
-144.7260

■ 185.5530, -6.1886,
-115.3720

■ 167.0130, -7.4014,
-146.4704

■ 194.2820, -5.0690,
-101.1023

■ 203.1960, -4.5336,
-86.1179

■ 211.8110, -3.8508,
-71.7482

■ 220.8390, -2.8786,
-56.8638

■ 229.4540, -2.1958,
-42.4942

■ 238.3680, -1.6604,
-27.5097

■ 247.0970, -0.5408,
-13.2401

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.



206.0560, -52.2856, -29.8671



176.6390, -6.7240, -130.3564



176.8170, 30.1632, -155.0685

Triad

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



176.6390, -6.7240, -130.3564



192.8170, 30.6562, -79.6465



192.6960, -25.4861, 54.6406

Complementary

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



176.6390, -6.7240, -130.3564



106.3610, 6.7240, 130.3564

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.



192.4580, 9.1412, 54.8493



176.6390, -6.7240, -130.3564



219.4480, 17.5271, 25.0401

Square

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



176.6390, -6.7240, -130.3564



174.0590, 39.9039, -152.6497



204.5180, 24.8876, 44.2727



202.9760, -57.1762, 45.6250

Rectangle

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



176.6390, -6.7240, -130.3564



178.7550, 37.5888, -156.7681



204.5180, 24.8876, 44.2727



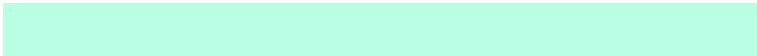
191.0950, -13.8508, 56.0447

Sweetspot

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



176.6390, -6.7240, -130.3564



231.1770, -2.0593, -39.6202



189.6540, -79.6954, -58.4556



113.8030, -1.3819, -23.5062



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.



176.6390, -6.7240, -130.3564



167.0130, -7.4014, -146.4704



175.9740, 38.9598, -129.7732



123.4290, -0.7045, -7.3922



125.1130, -5.4787, -109.7241



41.9000, -1.9227, -36.7463

Inverse Universe

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



106.3610, 6.7240, 130.3564



87.9870, 7.4014, 146.4704



107.0260, -38.9598, 129.7732



119.4570, 0.2677, 7.4922



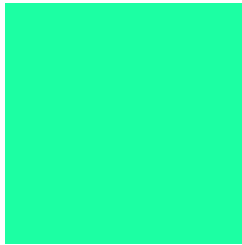
66.0010, 5.9155, 109.6241



22.1000, 1.9227, 36.7463

Previews

White Background



This preview shows how the YUV color 176.6390, -6.7240, -130.3564 looks on a white background.

Color Contrast Check

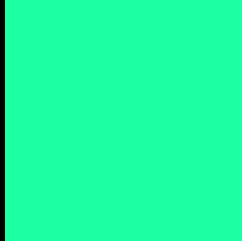
Large Text (above 18pt) WCAG AA × Fail

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 176.6390, -6.7240, -130.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

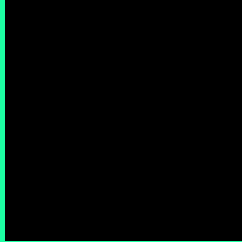
Any Text WCAG AA ✓ Pass

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 176.6390, -6.7240, -130.3564 Background



This preview shows how black text looks on a background with the YUV color 176.6390, -6.7240, -130.3564.



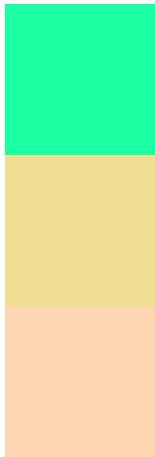
This preview shows how white text looks on a background with the YUV color 176.6390, -6.7240, -130.3564.

-130.3564.

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

176.6390, -6.7240, -130.3564

Protanopia

219.0600, -34.5396, 18.3644

Deuteranopia

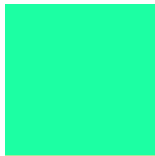
222.3830, -20.8948, 28.6051



Tritanopia

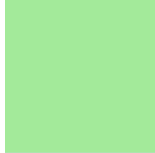
208.8310, 22.7613, -67.3808

Trichromacy



Original Color

176.6390, -6.7240, -130.3564



Protanomaly

203.6510, -24.4779, -35.6509



Deuteranomaly

205.6870, -15.6217, -29.5435



Tritanomaly

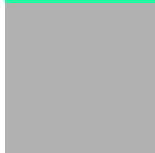
197.2290, 12.2121, -90.5318

Monochromacy



Original Color

176.6390, -6.7240, -130.3564



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

176.7200, -2.3270, -47.1124

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.6390, -6.7240, -130.3564 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(28, 255, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 255, 163) }
```

Border

The CSS property to change the border of an element to YUV 176.6390, -6.7240, -130.3564 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, 163) }
```


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

```
.border{ border-color:rgb(28, 255, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 255, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 255, 163);  
box-shadow:4px 4px 4px 4px rgb(28, 255,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 176.6390, -6.7240, -130.3564 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, 163) }
```

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

```
.background{ background-color: rgb(28, 255,  
163) }
```

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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