

Converting Colors

YUV(185.4630, -29.8083,
-99.5071)

Have a look what the booklet for
YUV(185.4630, -29.8083, -99.5071)
contains.

YUV(185.4630, -29.8083, -99.5071)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(185.4630, -29.8083,
-99.5071)**

Conversions

Conversions Part 1

Format	Color
Hex	48FF7D
RGB	72, 255, 125
RGB Percent	28%, 100%, 49%
CMY	0.7176, 0.0000, 0.5098
CMYK	0.72, 0.00, 0.51, 0.00
HSL	137°, 100%, 64%
HSV	137°, 72%, 100%
XYZ	42.1342, 74.3784, 31.5378
YIQ	185.4630, -67.3380, -79.2260

Conversions

Conversions Part 2

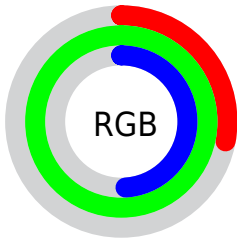
Format	Color
RYB	72, 214, 255
Decimal	4783997
CIELab	89.10, -71.78, 48.88
CIELCh	89, 86.841, 145.746
Yxy	74.3784, 0.2846, 0.5024
Android (android.graphics.Color)	4282974077 (0xFF48FF7D)
YUV	185.4630, -29.8083, -99.5071
Hunter-Lab	86.2429, -63.7185, 38.6885

Details

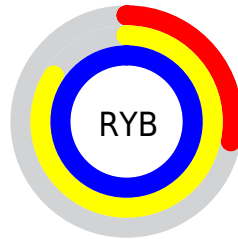
The YUV color **185.4630, -29.8083, -99.5071** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **141.5370, 29.8083, 99.5071**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.9620, -16.2503, -61.3567**, and **123.8470, -25.5606, -108.6138** is the 20% darker color. If you saturate the color by 10%, you get **175.9360, -33.9854, -113.0769**, and if you desaturate by 10%, it is **195.2890, -25.7785, -85.3225**.

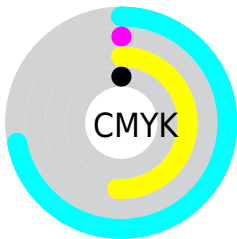
Distribution



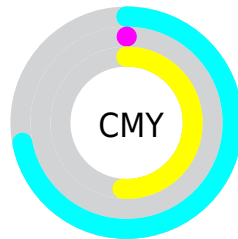
- Red (28%)
- Green (100%)
- Blue (49%)



- Red (28%)
- Yellow (84%)
- Blue (100%)



- Cyan (72%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)



- Cyan (72%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.4630, -29.8083, -99.5071 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 185.4630, -29.8083, -99.5071 by changing the saturation by 10% instead.

185.4630,
-29.8083, -99.5071

185.4630,
-29.8083, -99.5071

255.0000, 0.0000,
0.0000

145.9270,
-23.6280, -121.8390

212.9620,
-16.2503, -61.3567

123.8470,
-25.5606, -108.6138

225.7220, -8.7369,
-44.4832

104.3330,
-29.2512, -91.5000

238.2970, -0.6394,
-28.3245

84.3630, -34.6890,
-73.9864

249.9170, 2.5059,
-10.4512

66.9180, -32.9906,
-58.6871

51.6560, -25.4664,
-45.3023

36.9810, -18.2316,

-32.4323

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 185.4630,
-29.8083, -99.5071

■ 185.4630,
-29.8083, -99.5071

■ 175.9360,
-33.9854, -113.0769

■ 195.2890,
-25.7785, -85.3225

■ 166.1100,
-38.0152, -127.2615

■ 204.8160,
-21.6013, -71.7526

■ 158.1210,
-41.4717, -138.6721

■ 214.3430,
-17.4241, -58.1828

■ 224.1690,
-13.3943, -43.9982

 234.1090, -8.9277,
-29.9136

 243.6360, -4.7505,
-16.3438

 253.4620, -0.7208,
-2.1592

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.



205.2270, -75.0479, -8.9691



185.4630, -29.8083, -99.5071



173.5110, 17.4961, -152.1691

Triad

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



185.4630, -29.8083, -99.5071



168.1890, 42.7978, -147.5018



182.7800, -12.7095, 63.3369

Complementary

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



185.4630, -29.8083, -99.5071



141.5370, 29.8083, 99.5071

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.



187.4320, 25.4230, 59.2571



185.4630, -29.8083, -99.5071



210.6780, 21.8507, -8.4876

Square

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



185.4630, -29.8083, -99.5071



178.7550, 37.5888, -156.7681



204.5180, 24.8876, 44.2727



193.3560, -53.4195, 54.0618

Rectangle

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



185.4630, -29.8083, -99.5071



178.7550, 37.5888, -156.7681



204.5180, 24.8876, 44.2727



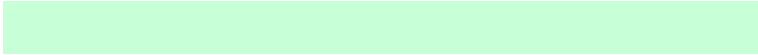
181.7490, 1.1097, 64.2411

Sweetspot

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



185.4630, -29.8083, -99.5071



233.6960, -9.2171, -30.4284



218.5900, -72.2689, -13.6724



115.0980, -5.4713, -18.5029



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.



185.4630, -29.8083, -99.5071



171.7350, -35.8584, -119.0396



195.7230, 9.5036, -108.5051



122.9730, -2.4517, -6.9923



118.3870, -31.2498, -103.8254



39.6200, -10.6587, -34.7467

Inverse Universe

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



141.5370, 29.8083, 99.5071



119.1510, 35.4216, 119.1396



131.2770, -9.5036, 108.5051



119.9130, 2.0149, 7.0923



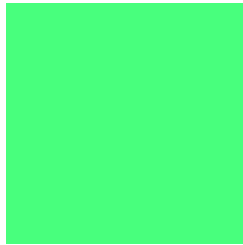
72.6130, 31.2498, 103.8254



24.2660, 10.2219, 34.8467

Previews

White Background



This preview shows how the YUV color 185.4630, -29.8083, -99.5071 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 185.4630, -29.8083, -99.5071 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

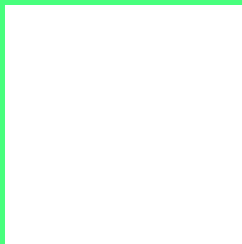
Any Text WCAG AAA ✓ Pass

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

YUV 185.4630, -29.8083, -99.5071 Background



This preview shows how black text looks on a background with the YUV color 185.4630, -29.8083, -99.5071.



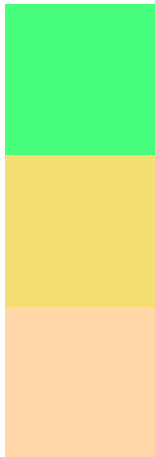
This preview shows how white text looks on a background with the YUV color 185.4630, -29.8083, -99.5071.

-99.5071.

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

185.4630, -29.8083, -99.5071

Protanopia

216.5650, -50.5645, 24.9375

Deuteranopia

221.6020, -26.4258, 29.2900



Tritanopia

210.0380, 22.1663, -63.1773

Trichromacy



Original Color

185.4630, -29.8083, -99.5071



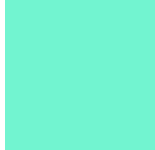
Protanomaly

205.2280, -43.0034, -20.3710



Deuteranomaly

208.5500, -27.8791, -18.0223



Tritanomaly

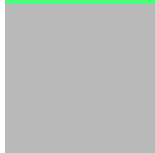
201.0260, 3.4382, -76.3218

Monochromacy



Original Color

185.4630, -29.8083, -99.5071



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

184.9080, -10.8006, -35.8763

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.4630, -29.8083, -99.5071 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(72, 255, 125)` looks like.

```
.text, #text, p{  
    color:rgb(72, 255, 125)  
}
```

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(72, 255, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 255, 125) }
```

Border

The CSS property to change the border of an element to YUV 185.4630, -29.8083, -99.5071 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(72, 255, 125) }
```


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

```
.border{ border-color:rgb(72, 255, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 255, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 255, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 255, 125);  
box-shadow:4px 4px 4px 4px rgb(72, 255,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 185.4630, -29.8083, -99.5071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 255, 125) }
```

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

```
.background{ background-color: rgb(72, 255,  
125) }
```

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