

# Converting Colors

YUV(187.9840, -26.6141,  
-97.3330)

Have a look what the booklet for  
YUV(187.9840, -26.6141, -97.3330)  
contains.

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# Color

**YUV(187.9840, -26.6141,  
-97.3330)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DFF86
RGB	77, 255, 134
RGB Percent	30%, 100%, 53%
CMY	0.6980, 0.0000, 0.4745
CMYK	0.70, 0.00, 0.47, 0.00
HSL	139°, 100%, 65%
HSV	139°, 70%, 100%
XYZ	43.1236, 74.8190, 34.7229
YIQ	187.9840, -67.2470, -75.3670

# Conversions

## Conversions Part 2

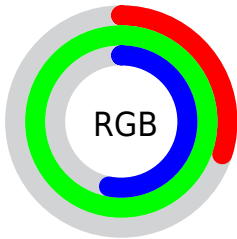
Format	Color
<a href="#">RYB</a>	<a href="#">77, 212, 255</a>
Decimal	<a href="#">5111686</a>
CIELab	<a href="#">89.31, -69.71, 44.92</a>
CIElCh	<a href="#">89, 82.932, 147.200</a>
Yxy	<a href="#">74.8190, 0.2825, 0.4901</a>
Android (android.graphics.Color)	<a href="#">4283301766 (0xFF4DFF86)</a>
YUV	<a href="#">187.9840, -26.6141, -97.3330</a>
Hunter-Lab	<a href="#">86.4980, -62.3801, 36.7478</a>

# Details

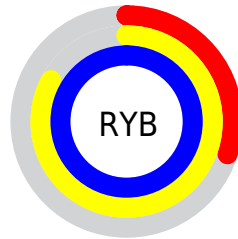
The YUV color **187.9840, -26.6141, -97.3330** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **144.0160, 26.6141, 97.3330**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.8850, -12.7613, -60.4121**, and **124.9870, -21.1926, -109.6136** is the 20% darker color. If you saturate the color by 10%, you get **178.5710, -30.3545, -111.0028**, and if you desaturate by 10%, it is **197.6960, -23.0211, -83.0484**.

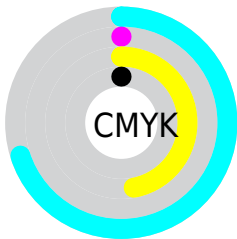
# Distribution



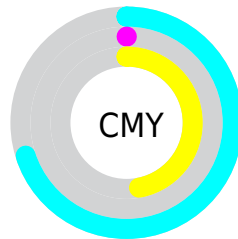
- Red (30%)
- Green (100%)
- Blue (53%)



- Red (30%)
- Yellow (83%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 187.9840, -26.6141, -97.3330 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 187.9840, -26.6141, -97.3330 by changing the saturation by 10% instead.



187.9840,  
-26.6141, -97.3330

187.9840,  
-26.6141, -97.3330

255.0000, 0.0000,  
0.0000

152.4490,  
-21.9134, -111.7728

214.8850,  
-12.7613, -60.4121

124.9870,  
-21.1926, -109.6136

227.6450, -5.2480,  
-43.5387

105.5870,  
-24.4464, -92.5998

240.2200, 2.8495,  
-27.3799

86.0730, -28.1370,  
-75.4860

250.5150, 2.2111,  
-9.2217

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

■ 187.9840,  
-26.6141, -97.3330

■ 187.9840,  
-26.6141, -97.3330

■ 178.5710,  
-30.3545, -111.0028

■ 197.6960,  
-23.0211, -83.0484

■ 168.7450,  
-34.3843, -125.1874

■ 207.2230,  
-18.8439, -69.4786

■ 159.3320,  
-38.1247, -138.8572

■ 216.9350,  
-15.2510, -55.1940

■ 159.0330,  
-37.9773, -139.4719

■ 226.3480,  
-11.5106, -41.5242

■ 236.1740, -7.4808,  
-27.3396

■ 245.5870, -3.7404,  
-13.6698

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.



207.2250, -68.6379, -11.5983



187.9840, -26.6141, -97.3330



174.0810, 19.6801, -152.6690

# Triad

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



187.9840, -26.6141, -97.3330



167.6020, 43.0872, -146.9870



186.3020, -14.4459, 60.2481

# Complementary

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



187.9840, -26.6141, -97.3330



144.0160, 26.6141, 97.3330

# 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.



190.4980, 21.9395, 56.5683



187.9840, -26.6141, -97.3330



213.6680, 20.3767, -2.3398

# Square

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



187.9840, -26.6141, -97.3330



178.1680, 37.8782, -156.2533



206.2790, 24.0195, 42.7283



196.2740, -52.3931, 51.5027



# Rectangle

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



187.9840, -26.6141, -97.3330



178.7550, 37.5888, -156.7681



206.2790, 24.0195, 42.7283



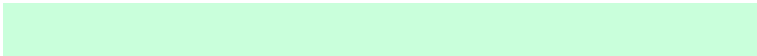
185.6300, -1.7896, 60.8375

# Sweetspot

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



187.9840, -26.6141, -97.3330



234.7500, -7.7648, -29.5987



217.9640, -69.4953, -16.6314



115.9240, -4.8925, -17.4733



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.



187.9840, -26.6141, -97.3330



174.3700, -32.2274, -116.9655



198.0160, 11.8241, -106.1310



123.0870, -2.0149, -7.0923



119.0710, -28.6290, -104.4253



39.8480, -9.7851, -34.9467



# Inverse Universe

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



144.0160, 26.6141, 97.3330



121.5160, 31.7906, 117.0655



133.9840, -11.8241, 106.1310



119.7990, 1.5781, 7.1923



71.9290, 28.6290, 104.4253

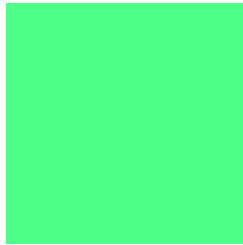


24.0380, 9.3483, 35.0467



# Previews

## White Background



This preview shows how the YUV color 187.9840, -26.6141, -97.3330 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

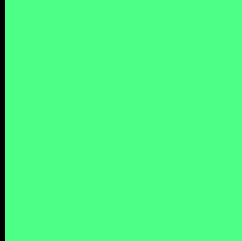
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 187.9840, -26.6141, -97.3330 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

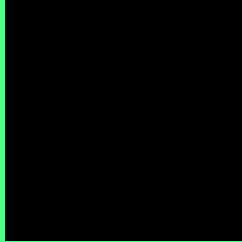
Any Text WCAG AA ✓ Pass

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 187.9840, -26.6141, -97.3330 Background



This preview shows how black text looks on a background with the YUV color 187.9840, -26.6141, -97.3330.



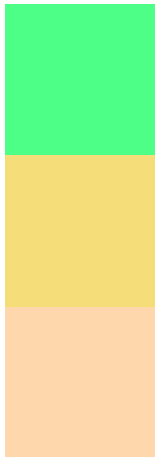
This preview shows how white text looks on a background with the YUV color 187.9840, -26.6141, -97.3330.



# 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

187.9840, -26.6141, -97.3330

### Protanopia

217.4770, -47.0702, 24.1377

### Deuteranopia

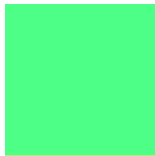
222.0580, -24.6786, 28.8901



## Tritanopia

210.9350, 21.7240, -61.3330

# Trichromacy



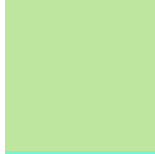
## Original Color

187.9840, -26.6141, -97.3330



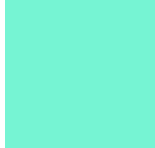
## Protanomaly

206.7380, -39.8038, -19.9412



## Deuteranomaly

209.8320, -25.5532, -17.3927



## Tritanomaly

202.5640, 4.1589, -74.1626

# Monochromacy



## Original Color

187.9840, -26.6141, -97.3330



## Achromatopsia

188.0000, 0.0000, 0.0000



## Achromatomaly

187.8480, -9.7851, -34.9467

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 187.9840, -26.6141, -97.3330 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(77, 255, 134)` looks like.

```
.text, #text, p{  
    color:rgb(77, 255, 134)  
}
```

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(77, 255, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 255, 134) }
```

## Border

The CSS property to change the border of an element to YUV 187.9840, -26.6141, -97.3330 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(77, 255, 134) }
```



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

```
.border{ border-color:rgb(77, 255, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 255, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 255, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 255, 134);  
box-shadow:4px 4px 4px 4px rgb(77, 255,  
134) }
```

# Background

The CSS property to change the background color of an element to YUV 187.9840, -26.6141, -97.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 255, 134) }
```

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

```
.background{ background-color: rgb(77, 255,  
134) }
```

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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