

Converting Colors

YUV(167.7770, 0.6029,
-147.1404)

Have a look what the booklet for
YUV(167.7770, 0.6029, -147.1404)
contains.

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Color

**YUV(167.7770, 0.6029,
-147.1404)**

Conversions

Conversions Part 1

Format	Color
Hex	00FDA9
RGB	0, 253, 169
RGB Percent	0%, 99%, 66%
CMY	1.0000, 0.0078, 0.3373
CMYK	1.00, 0.00, 0.33, 0.01
HSL	160°, 100%, 50%
HSV	160°, 100%, 99%
XYZ	42.2867, 73.1151, 49.4200
YIQ	167.7770, -123.8240, -79.7600

Conversions

Conversions Part 2

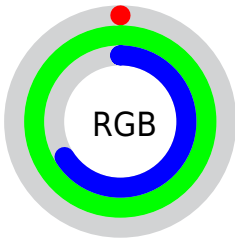
Format	Color
RYB	0, 152, 253
Decimal	64937
CIELab	88.50, -68.74, 26.48
CIELCh	89, 73.662, 158.935
Yxy	73.1151, 0.2566, 0.4436
Android (android.graphics.Color)	4278255017 (0xFF00FDA9)
YUV	167.7770, 0.6029, -147.1404
Hunter-Lab	85.5074, -61.3628, 25.5878

Details

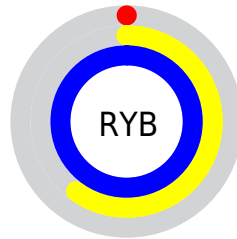
The YUV color **167.7770, 0.6029, -147.1404** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **85.2230, -0.6029, 147.1404**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.7200, 7.5330, -83.0694**, and **127.6890, -5.7627, -111.9833** is the 20% darker color. If you saturate the color by 10%, you get **167.7770, 0.6029, -147.1404**, and if you desaturate by 10%, it is **176.1640, 0.4121, -132.5708**.

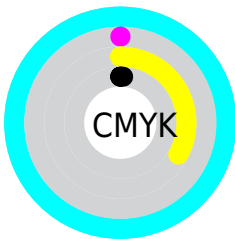
Distribution



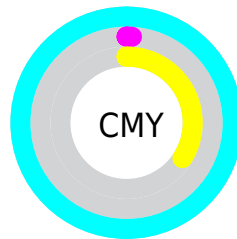
- Red (0%)
- Green (99%)
- Blue (66%)



- Red (0%)
- Yellow (60%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.7770, 0.6029, -147.1404 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 167.7770, 0.6029, -147.1404 by changing the saturation by 10% instead.

167.7770, 0.6029,
-147.1404

167.7770, 0.6029,
-147.1404

255.0000, 0.0000,
0.0000

147.6760, -2.7983,
-129.5119

209.7200, 7.5330,
-83.0694

127.6890, -5.7627,
-111.9833

223.3770, 14.6041,
-64.3516

108.4030, -8.5797,
-95.0694

233.4720, 10.6133,
-44.2639

89.2310, -10.9599,
-78.2556

243.0400, 5.8963,
-24.5911

70.7600, -13.1927,
-62.0565

252.6080, 1.1793,
-4.9182

52.8760, -15.7149,
-46.3723

35.8070, -17.6529,

-31.4027

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 167.7770, 0.6029,
-147.1404

■ 176.1640, 0.4121,
-132.5708

■ 184.9640, 0.5107,
-117.4864

■ 193.3510, 0.3200,
-102.9168

■ 201.8520, 0.5660,
-88.4472

■ 210.5380, 0.2278,
-73.2628

■ 218.9250, 0.0370,
-58.6932

■ 227.4260, 0.2830,
-44.2236

■ 235.8130, 0.0922,
-29.6540

■ 244.6130, 0.1908,
-14.5696

Harmonies

Analogous

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



204.1740, -47.9068, -34.3556



167.7770, 0.6029, -147.1404



177.2730, 31.9104, -155.4684

Triad

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



167.7770, 0.6029, -147.1404



197.3460, 28.4234, -63.4474



194.0010, -28.1015, 53.4961

Complementary

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



167.7770, 0.6029, -147.1404



85.2230, -0.6029, 147.1404

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.



192.2470, 5.7942, 55.0344



167.7770, 0.6029, -147.1404



219.4810, 17.5109, 30.2732

Square

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



167.7770, 0.6029, -147.1404



171.7110, 41.0615, -150.5905



203.9310, 25.1770, 44.7875



203.5630, -57.4656, 45.1102

Rectangle

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



167.7770, 0.6029, -147.1404



178.7550, 37.5888, -156.7681



203.9310, 25.1770, 44.7875



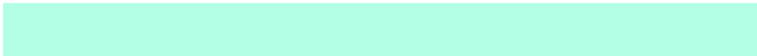
191.6990, -16.6136, 55.5150

Sweetspot

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



167.7770, 0.6029, -147.1404



229.4260, 0.2830, -44.2236



173.6270, -85.5981, -78.6029



112.4220, -0.2080, -26.6801



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.



167.7770, 0.6029, -147.1404



169.0650, 0.4610, -148.2700



152.6990, 49.4484, -133.9170



123.5430, -0.2677, -7.4922



126.7090, 0.6365, -111.1238



42.4700, 0.2613, -37.2462

Inverse Universe

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



85.2230, -0.6029, 147.1404



85.9350, -0.4610, 148.2700



100.3010, -49.4484, 133.9170



119.3430, -0.1691, 7.5922



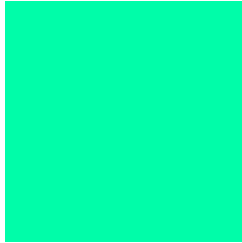
64.2910, -0.6365, 111.1238



21.5300, -0.2613, 37.2462

Previews

White Background



This preview shows how the YUV color 167.7770, 0.6029, -147.1404 looks on a white background.

Color Contrast Check

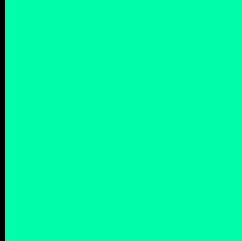
Large Text (above 18pt) WCAG AA × Fail

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 167.7770, 0.6029, -147.1404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

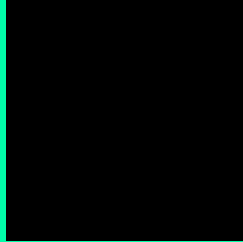
Any Text WCAG AA ✓ Pass

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 167.7770, 0.6029, -147.1404 Background



This preview shows how black text looks on a background with the YUV color 167.7770, 0.6029, -147.1404.



This preview shows how white text looks on a background with the YUV color 167.7770, 0.6029, -147.1404.

Color Blindness Simulation

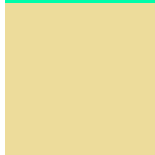
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

167.7770, 0.6029, -147.1404



Protanopia

217.6730, -30.8978, 16.9498



Deuteranopia

221.0950, -20.7528, 29.7347



Tritanopia

205.2540, 24.5248, -73.0138

Trichromacy



Original Color

167.7770, 0.6029, -147.1404



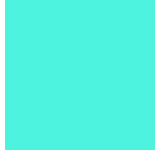
Protanomaly

199.5730, -19.5095, -42.5985



Deuteranomaly

201.6370, -13.1320, -34.7616



Tritanomaly

191.4990, 16.0230, -99.5386

Monochromacy



Original Color

167.7770, 0.6029, -147.1404



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.9580, 0.0207, -53.4602

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.7770, 0.6029, -147.1404 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(0, 253, 169)` looks like.

```
.text, #text, p{  
    color:rgb(0, 253, 169)  
}
```

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(0, 253, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 253, 169) }
```

Border

The CSS property to change the border of an element to YUV 167.7770, 0.6029, -147.1404 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(0, 253, 169) }
```


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

```
.border{ border-color:rgb(0, 253, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 253, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 253, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 253, 169);  
box-shadow:4px 4px 4px 4px rgb(0, 253,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 167.7770, 0.6029, -147.1404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 253, 169) }
```

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

```
.background{ background-color: rgb(0, 253,  
169) }
```

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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