

Converting Colors

YUV(168.0050, 1.4765,
-147.3404)

Have a look what the booklet for
YUV(168.0050, 1.4765, -147.3404)
contains.

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Color

**YUV(168.0050, 1.4765,
-147.3404)**

Conversions

Conversions Part 1

Format	Color
Hex	00FDAB
RGB	0, 253, 171
RGB Percent	0%, 99%, 67%
CMY	1.0000, 0.0078, 0.3294
CMYK	1.00, 0.00, 0.32, 0.01
HSL	161°, 100%, 50%
HSV	161°, 100%, 99%
XYZ	42.4760, 73.1908, 50.4166
YIQ	168.0050, -124.4660, -79.1380

Conversions

Conversions Part 2

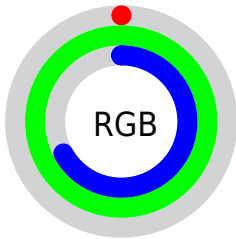
Format	Color
RYB	0, 151, 253
Decimal	64939
CIELab	88.54, -68.33, 25.51
CIELCh	89, 72.934, 159.526
Yxy	73.1908, 0.2558, 0.4407
Android (android.graphics.Color)	4278255019 (0xFF00FDAB)
YUV	168.0050, 1.4765, -147.3404
Hunter-Lab	85.5516, -61.0910, 24.9458

Details

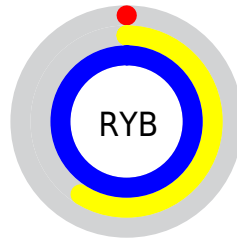
The YUV color **168.0050, 1.4765, -147.3404** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **84.9950, -1.4765, 147.3404**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.9480, 8.4066, -83.2694**, and **127.9170, -4.8891, -112.1832** is the 20% darker color. If you saturate the color by 10%, you get **168.0050, 1.4765, -147.3404**, and if you desaturate by 10%, it is **176.3920, 1.2857, -132.7708**.

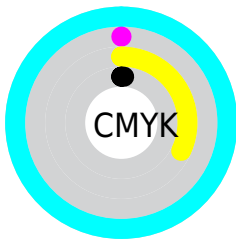
Distribution



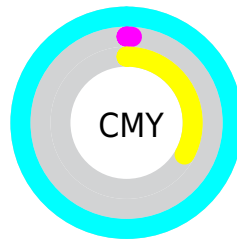
- Red (0%)
- Green (99%)
- Blue (67%)



- Red (0%)
- Yellow (59%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (1%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 168.0050, 1.4765, -147.3404 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 168.0050, 1.4765, -147.3404 by changing the saturation by 10% instead.

168.0050, 1.4765,
-147.3404

168.0050, 1.4765,
-147.3404

255.0000, 0.0000,
0.0000

147.9040, -1.9247,
-129.7118

209.9480, 8.4066,
-83.2694

127.9170, -4.8891,
-112.1832

223.6050, 15.4777,
-64.5516

108.6310, -7.7061,
-95.2694

233.4720, 10.6133,
-44.2639

89.4590, -10.0863,
-78.4555

243.0400, 5.8963,
-24.5911

70.9880, -12.3191,
-62.2565

252.6080, 1.1793,
-4.9182

53.1040, -14.8413,
-46.5722

35.8070, -17.6529,

-31.4027

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 168.0050, 1.4765,
-147.3404

■ 176.3920, 1.2857,
-132.7708

■ 185.0780, 0.9475,
-117.5864

■ 193.5790, 1.1936,
-103.1168

■ 201.9660, 1.0028,
-88.5472

■ 210.6520, 0.6646,
-73.3628

■ 219.0390, 0.4738,
-58.7932

■ 227.4260, 0.2830,
-44.2236

■ 235.9270, 0.5290,
-29.7540

■ 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.



204.1030, -46.8858, -35.1703



168.0050, 1.4765, -147.3404



177.3870, 32.3472, -155.5684

Triad

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



168.0050, 1.4765, -147.3404



198.5530, 27.8284, -59.2440



194.5880, -28.3909, 52.9813

Complementary

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



168.0050, 1.4765, -147.3404



84.9950, -1.4765, 147.3404

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.



192.7200, 5.0680, 54.6196



168.0050, 1.4765, -147.3404



219.7800, 17.3635, 30.8879

Square

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



168.0050, 1.4765, -147.3404



171.7110, 41.0615, -150.5905



203.9310, 25.1770, 44.7875



204.2640, -57.3182, 44.4955

Rectangle

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



168.0050, 1.4765, -147.3404



178.7550, 37.5888, -156.7681



203.9310, 25.1770, 44.7875



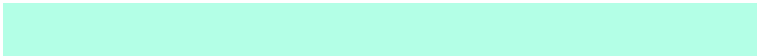
192.8730, -17.1924, 54.4854

Sweetspot

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



168.0050, 1.4765, -147.3404



229.4260, 0.2830, -44.2236



173.6270, -85.5981, -78.6029



112.5360, 0.2288, -26.7801



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.



168.0050, 1.4765, -147.3404



169.2930, 1.3346, -148.4700



152.6990, 49.4484, -133.9170



123.5430, -0.2677, -7.4922



126.8230, 1.0733, -111.2238



42.4700, 0.2613, -37.2462

Inverse Universe

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



84.9950, -1.4765, 147.3404



85.7070, -1.3346, 148.4700



100.3010, -49.4484, 133.9170



119.3430, -0.1691, 7.5922



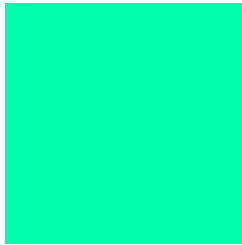
64.1770, -1.0733, 111.2238



21.5300, -0.2613, 37.2462

Previews

White Background



This preview shows how the YUV color 168.0050, 1.4765, -147.3404 looks on a white background.

Color Contrast Check

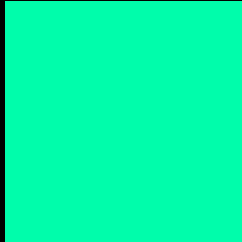
Large Text (above 18pt) WCAG AA × Fail

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 168.0050, 1.4765, -147.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

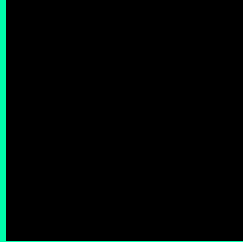
Any Text WCAG AA ✓ Pass

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 168.0050, 1.4765, -147.3404 Background



This preview shows how black text looks on a background with the YUV color 168.0050, 1.4765, -147.3404.

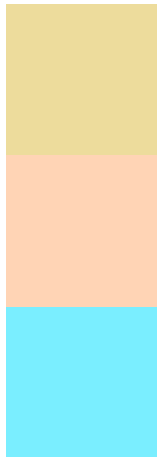


This preview shows how white text looks on a background with the YUV color 168.0050, 1.4765, -147.3404.

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



Protanopia

217.7870, -30.4610, 16.8498

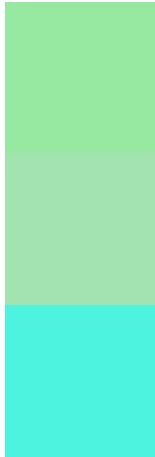
Deuteranopia

221.3230, -19.8792, 29.5347

Tritanopia

205.2540, 24.5248, -73.0138

Trichromacy



Protanomaly

199.6870, -19.0727, -42.6985

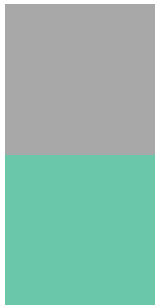
Deuteranomaly

201.8650, -12.2584, -34.9616

Tritanomaly

191.4990, 16.0230, -99.5386

Monochromacy



Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.0720, 0.4575, -53.5601

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.0050, 1.4765, -147.3404 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(0, 253, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 253, 171) }
```

Border

The CSS property to change the border of an element to YUV 168.0050, 1.4765, -147.3404 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, 171) }
```

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

```
.border{ border-color:rgb(0, 253, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 253, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 253, 171);  
box-shadow:4px 4px 4px 4px rgb(0, 253,  
171) }
```


Background

The CSS property to change the background color of an element to YUV 168.0050, 1.4765, -147.3404 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, 171) }
```

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

```
.background{ background-color: rgb(0, 253,  
171) }
```

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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