

Converting Colors

YUV(167.9370, 11.3701,
-147.2807)

Have a look what the booklet for
YUV(167.9370, 11.3701, -147.2807)
contains.

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Color

**YUV(167.9370, 11.3701,
-147.2807)**

Conversions

Conversions Part 1

Format	Color
Hex	00F9BF
RGB	0, 249, 191
RGB Percent	0%, 98%, 75%
CMY	1.0000, 0.0235, 0.2510
CMYK	1.00, 0.00, 0.23, 0.02
HSL	166°, 100%, 49%
HSV	166°, 100%, 98%
XYZ	43.2797, 71.5130, 60.8125
YIQ	167.9370, -129.7860, -70.8260

Conversions

Conversions Part 2

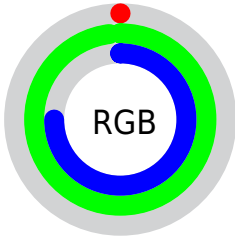
Format	Color
RYB	0, 141, 249
Decimal	63935
CIELab	87.73, -62.46, 14.15
CIELCh	88, 64.042, 167.239
Yxy	71.5130, 0.2465, 0.4072
Android (android.graphics.Color)	4278254015 (0xFF00F9BF)
YUV	167.9370, 11.3701, -147.2807
Hunter-Lab	84.5653, -56.6349, 16.5592

Details

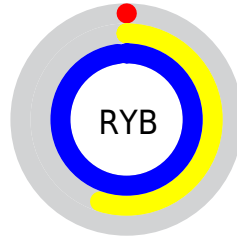
The YUV color **167.9370, 11.3701, -147.2807** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **81.0630, -11.3701, 147.2807**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2280, 17.1426, -85.2690**, and **127.8490, 5.0044, -112.1236** is the 20% darker color. If you saturate the color by 10%, you get **167.9370, 11.3701, -147.2807**, and if you desaturate by 10%, it is **176.0960, 10.3057, -132.5112**.

Distribution



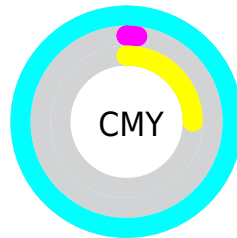
- Red (0%)
- Green (98%)
- Blue (75%)



- Red (0%)
- Yellow (55%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.9370, 11.3701, -147.2807 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 167.9370, 11.3701, -147.2807 by changing the saturation by 10% instead.

■ 167.9370, 11.3701,
-147.2807

■ 167.9370, 11.3701,
-147.2807

■ 255.0000, 0.0000,
0.0000

■ 147.8360, 7.9689,
-129.6522

■ 212.2280, 17.1426,
-85.2690

■ 127.8490, 5.0044,
-112.1236

■ 223.3060, 15.6251,
-65.1664

■ 108.4490, 1.7506,
-95.1098

■ 233.1730, 10.7607,
-44.8787

■ 89.8640, -0.9190,
-78.8107

■ 243.0400, 5.8963,
-24.5911

■ 71.2790, -3.5885,
-62.5117

■ 252.6080, 1.1793,
-4.9182

■ 53.5090, -5.6739,
-46.9274

■ 37.0270, -7.9013,

-32.4727

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 167.9370, 11.3701,
-147.2807

■ 176.0960, 10.3057,
-132.5112

■ 184.2550, 9.2413,
-117.7416

■ 192.3000, 7.7401,
-102.8721

■ 200.4590, 6.6757,
-88.1025

■ 208.6180, 5.6113,
-73.3330

■ 216.4780, 4.6943,
-59.1782

■ 224.6370, 3.6300,
-44.4086

■ 232.6820, 2.1288,
-29.5391

■ 240.8410, 1.0644,
-14.7696

Harmonies

Analogous

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



201.8920, -33.4708, -44.6323



167.9370, 11.3701, -147.2807



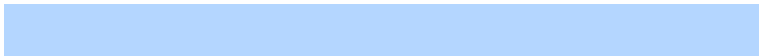
176.2930, 38.3096, -154.6090

Triad

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



167.9370, 11.3701, -147.2807



208.5080, 22.9206, -25.0015



200.0020, -33.0320, 48.2332

Complementary

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



167.9370, 11.3701, -147.2807



81.0630, -11.3701, 147.2807

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.



196.7660, -4.8146, 51.0712



167.9370, 11.3701, -147.2807



216.8450, 18.8104, 33.4619

Square

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



167.9370, 11.3701, -147.2807



166.4280, 43.6660, -145.9574



205.0080, 21.6881, 43.8430



208.9260, -54.6865, 40.4069

Rectangle

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



167.9370, 11.3701, -147.2807



174.6460, 39.6145, -153.1645



205.0080, 21.6881, 43.8430



197.7170, -24.0175, 50.2372

Sweetspot

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



167.9370, 11.3701, -147.2807



230.2240, 3.3406, -44.9234



163.5050, -80.6080, -92.5279



112.9920, 1.9759, -27.1800



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.



167.9370, 11.3701, -147.2807



172.0290, 11.8177, -150.8694



135.8070, 55.8041, -119.1027



120.7710, 0.6059, -7.6922



127.4730, 8.6408, -111.7938



41.1650, 2.8767, -36.1017

Inverse Universe

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



81.0630, -11.3701, 147.2807



82.9710, -11.8177, 150.8694



113.1930, -55.8041, 119.1027



116.2290, -0.6059, 7.6922



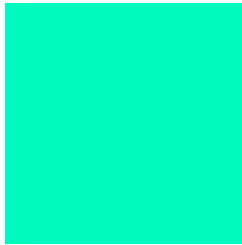
61.5270, -8.6408, 111.7938



19.8350, -2.8767, 36.1017

Previews

White Background



This preview shows how the YUV color 167.9370, 11.3701, -147.2807 looks on a white background.

Color Contrast Check

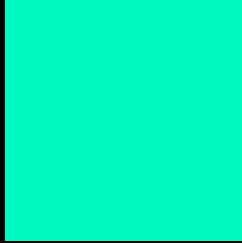
Large Text (above 18pt) WCAG AA × Fail

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 167.9370, 11.3701, -147.2807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

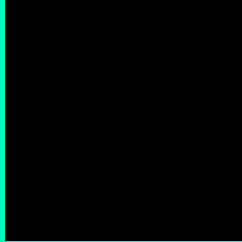
Any Text WCAG AA ✓ Pass

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 167.9370, 11.3701, -147.2807 Background



This preview shows how black text looks on a background with the YUV color 167.9370, 11.3701, -147.2807.



This preview shows how white text looks on a background with the YUV color 167.9370, 11.3701, -147.2807.

Color Blindness Simulation

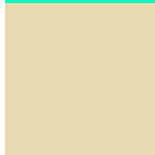
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



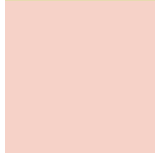
Original Color

167.9370, 11.3701, -147.2807



Protanopia

217.0990, -20.2618, 12.1912



Deuteranopia

219.6240, -9.6746, 23.1318



Tritanopia

200.1820, 27.0253, -81.7206

Trichromacy



Original Color

167.9370, 11.3701, -147.2807



Protanomaly

199.0100, -8.8789, -45.6128



Deuteranomaly

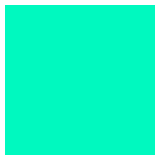
200.8890, -1.9173, -38.4907



Tritanomaly

188.2470, 21.5702, -105.4566

Monochromacy



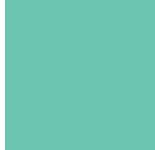
Original Color

167.9370, 11.3701, -147.2807



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.6960, 4.0939, -53.2304

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.9370, 11.3701, -147.2807 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, 249, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 249, 191)  
}
```

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, 249, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 249, 191) }
```

Border

The CSS property to change the border of an element to YUV 167.9370, 11.3701, -147.2807 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, 249, 191) }
```


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

```
.border{ border-color:rgb(0, 249, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 249, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 249, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 249, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 249,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 167.9370, 11.3701, -147.2807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 249, 191) }
```

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

```
.background{ background-color: rgb(0, 249,  
191) }
```

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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