

Converting Colors

YUV(167.5830, -5.2174,
-146.9703)

Have a look what the booklet for
YUV(167.5830, -5.2174, -146.9703)
contains.

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Color

**YUV(167.5830, -5.2174,
-146.9703)**

Conversions

Conversions Part 1

Format	Color
Hex	00FF9D
RGB	0, 255, 157
RGB Percent	0%, 100%, 62%
CMY	1.0000, 0.0000, 0.3843
CMYK	1.00, 0.00, 0.38, 0.00
HSL	157°, 100%, 50%
HSV	157°, 100%, 100%
XYZ	41.8458, 73.9543, 43.9674
YIQ	167.5830, -120.5220, -84.5380

Conversions

Conversions Part 2

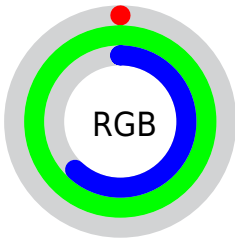
Format	Color
RYB	0, 158, 255
Decimal	65437
CIELab	88.90, -71.79, 33.04
CIELCh	89, 79.025, 155.288
Yxy	73.9543, 0.2619, 0.4629
Android (android.graphics.Color)	4278255517 (0xFF00FF9D)
YUV	167.5830, -5.2174, -146.9703
Hunter-Lab	85.9967, -63.6365, 29.8846

Details

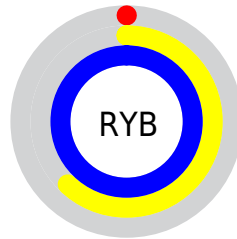
The YUV color **167.5830, -5.2174, -146.9703** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **87.4170, 5.2174, 146.9703**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.2380, 1.8547, -81.7697**, and **127.6090, -11.1462, -111.9131** is the 20% darker color. If you saturate the color by 10%, you get **167.5830, -5.2174, -146.9703**, and if you desaturate by 10%, it is **176.1980, -4.5346, -132.6006**.

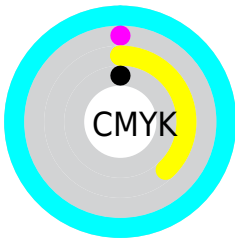
Distribution



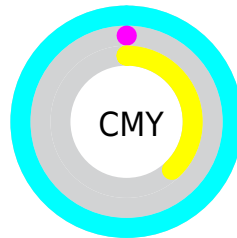
- Red (0%)
- Green (100%)
- Blue (62%)



- Red (0%)
- Yellow (62%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.5830, -5.2174, -146.9703 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 167.5830, -5.2174, -146.9703 by changing the saturation by 10% instead.

167.5830, -5.2174,
-146.9703

167.5830, -5.2174,
-146.9703

255.0000, 0.0000,
0.0000

147.4820, -8.6186,
-129.3417

208.2380, 1.8547,
-81.7697

127.6090,
-11.1462, -111.9131

222.0090, 9.3626,
-63.1519

107.7360,
-13.6738, -94.4845

233.4720, 10.6133,
-44.2639

89.0370, -16.7802,
-78.0854

243.3390, 5.7489,
-23.9763

70.4520, -19.4498,
-61.7864

252.9070, 1.0318,
-4.3034

51.6390, -22.9930,
-45.2874

36.3940, -17.9422,

-31.9175

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 167.5830, -5.2174,
-146.9703

■ 176.1980, -4.5346,
-132.6006

■ 185.1120, -3.9992,
-117.6162

■ 193.9120, -3.9006,
-102.5318

■ 202.5270, -3.2178,
-88.1622

■ 211.4410, -2.6824,
-73.1778

■ 220.0560, -1.9996,
-58.8081

■ 228.9700, -1.4642,
-43.8237

■ 237.4710, -1.2182,
-29.3541

■ 246.3850, -0.6828,
-14.3696

Harmonies

Analogous

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



205.0300, -56.2168, -28.9673



167.5830, -5.2174, -146.9703



176.4750, 28.8528, -154.7686

Triad

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



167.5830, -5.2174, -146.9703



184.1460, 34.9310, -97.4750



190.2340, -24.7654, 56.7998

Complementary

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



167.5830, -5.2174, -146.9703



87.4170, 5.2174, 146.9703

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.



189.7510, 11.4618, 57.2234



167.5830, -5.2174, -146.9703



218.2520, 18.1168, 22.5810

Square

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



167.5830, -5.2174, -146.9703



174.6460, 39.6145, -153.1645



202.7570, 25.7558, 45.8171



200.6450, -58.4920, 47.6693

Rectangle

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



167.5830, -5.2174, -146.9703



178.7550, 37.5888, -156.7681



202.7570, 25.7558, 45.8171



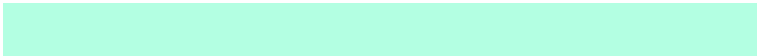
188.1600, -12.4039, 58.6187

Sweetspot

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



167.5830, -5.2174, -146.9703



228.9700, -1.4642, -43.8237



180.1830, -88.8302, -68.5665



112.1940, -1.0816, -26.4801



0.0000, 0.0000, 0.0000



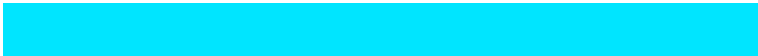
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



167.5830, -5.2174, -146.9703



163.4930, 45.1130, -143.3834



123.5430, -0.2677, -7.4922



125.5690, -3.7315, -110.1240



42.0140, -1.4859, -36.8463

Inverse Universe

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



87.4170, 5.2174, 146.9703



90.9200, -44.8236, 143.8982



119.4570, 0.2677, 7.4922



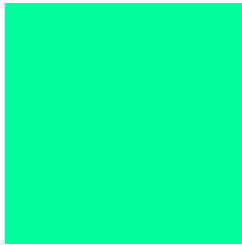
65.5450, 4.1683, 110.0240



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 167.5830, -5.2174, -146.9703 looks on a white background.

Color Contrast Check

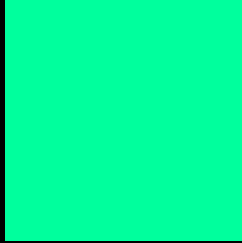
Large Text (above 18pt) WCAG AA × Fail

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 167.5830, -5.2174, -146.9703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

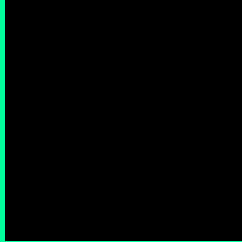
Any Text WCAG AA ✓ Pass

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 167.5830, -5.2174, -146.9703 Background



This preview shows how black text looks on a background with the YUV color 167.5830, -5.2174, -146.9703.



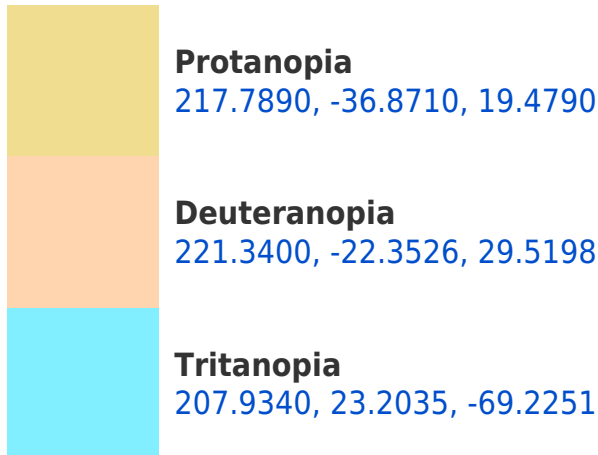
This preview shows how white text looks on a background with the YUV color 167.5830, -5.2174, -146.9703.

-146.9703.

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



Trichromacy



Protanomaly

199.3900, -25.3353, -40.6840

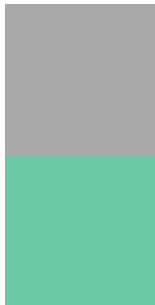
Deuteranomaly

201.5400, -16.0422, -34.6766

Tritanomaly

193.2990, 12.6706, -97.6092

Monochromacy



Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.0890, -2.0159, -53.5751

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.5830, -5.2174, -146.9703 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, 255, 157)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 157)  
}
```

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, 255, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 157) }
```

Border

The CSS property to change the border of an element to YUV 167.5830, -5.2174, -146.9703 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, 255, 157) }
```

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

```
.border{ border-color:rgb(0, 255, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 157);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 167.5830, -5.2174, -146.9703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 157) }
```

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

```
.background{ background-color: rgb(0, 255,  
157) }
```

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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