

Converting Colors

YUV(167.8390, -6.8226,
-145.4408)

Have a look what the booklet for
YUV(167.8390, -6.8226, -145.4408)
contains.

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Color

**YUV(167.8390, -6.8226,
-145.4408)**

Conversions

Conversions Part 1

Format	Color
Hex	02FF9A
RGB	2, 255, 154
RGB Percent	1%, 100%, 60%
CMY	0.9922, 0.0000, 0.3961
CMYK	0.99, 0.00, 0.40, 0.00
HSL	156°, 100%, 50%
HSV	156°, 99%, 100%
XYZ	41.6178, 73.8660, 42.6359
YIQ	167.8390, -118.3670, -85.0470

Conversions

Conversions Part 2

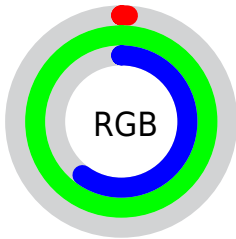
Format	Color
R_{YB}	2, 160, 255
Decimal	196506
CIE _{Lab}	88.86, -72.30, 34.47
CIE _{LCh}	89, 80.097, 154.508
Yxy	73.8660, 0.2632, 0.4672
Android (android.graphics.Color)	4278386586 (0xFF02FF9A)
YUV	167.8390, -6.8226, -145.4408
Hunter-Lab	85.9453, -63.9683, 30.7490

Details

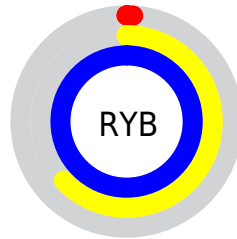
The YUV color **167.8390, -6.8226, -145.4408** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **89.1610, 6.8226, 145.4408**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.1950, 0.3969, -80.8550**, and **127.2670, -12.4566, -111.6132** is the 20% darker color. If you saturate the color by 10%, you get **167.1270, -6.9646, -146.5704**, and if you desaturate by 10%, it is **176.4540, -6.1398, -131.0712**.

Distribution



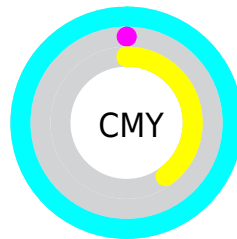
- Red (1%)
- Green (100%)
- Blue (60%)



- Red (1%)
- Yellow (63%)
- Blue (100%)



- Cyan (99%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (99%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.8390, -6.8226, -145.4408 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 167.8390, -6.8226, -145.4408 by changing the saturation by 10% instead.

167.8390, -6.8226,
-145.4408

167.8390, -6.8226,
-145.4408

255.0000, 0.0000,
0.0000

147.1400, -9.9290,
-129.0418

208.1950, 0.3969,
-80.8550

127.2670,
-12.4566, -111.6132

221.6670, 8.0522,
-62.8520

107.3940,
-14.9842, -94.1845

233.4720, 10.6133,
-44.2639

88.6950, -18.0906,
-77.7855

243.3390, 5.7489,
-23.9763

70.1100, -20.7602,
-61.4865

252.9070, 1.0318,
-4.3034

51.1830, -24.7402,
-44.8875

36.3940, -17.9422,

-31.9175

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 167.8390, -6.8226,
-145.4408

■ 167.8390, -6.8226,
-145.4408

■ 167.1270, -6.9646,
-146.5704

■ 176.4540, -6.1398,
-131.0712

■ 185.3680, -5.6044,
-116.0867

■ 194.3960, -4.6322,
-101.2023

■ 203.0110, -3.9494,
-86.8326

■ 211.9250, -3.4140,
-71.8482

■ 220.5400, -2.7312,
-57.4786

■ 229.1550, -2.0484,
-43.1089

■ 238.0690, -1.5130,
-28.1245

■ 247.0970, -0.5408,
-13.2401

Harmonies

Analogous

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



204.2860, -57.8220, -27.4378



167.8390, -6.8226, -145.4408



176.2470, 27.9792, -154.5686

Triad

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



167.8390, -6.8226, -145.4408



178.4540, 37.7372, -110.9002



189.1740, -23.7498, 57.7294

Complementary

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



167.8390, -6.8226, -145.4408



89.1610, 6.8226, 145.4408

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.



189.3920, 12.6247, 57.5382



167.8390, -6.8226, -145.4408



217.3550, 18.5590, 20.7367

Square

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



167.8390, -6.8226, -145.4408



174.6460, 39.6145, -153.1645



202.7570, 25.7558, 45.8171



199.9440, -58.6394, 48.2841

Rectangle

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



167.8390, -6.8226, -145.4408



178.7550, 37.5888, -156.7681



202.7570, 25.7558, 45.8171



187.1000, -11.3883, 59.5483

Sweetspot

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



167.8390, -6.8226, -145.4408



228.7420, -2.3378, -43.6237



180.7100, -88.1040, -68.1517



112.0800, -1.5184, -26.3802



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

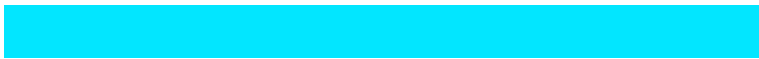
The Same Dimension uses a secret algorithm to generate beautiful new colors.



167.8390, -6.8226, -145.4408



167.1270, -6.9646, -146.5704



164.6780, 44.5287, -142.6686



123.4290, -0.7045, -7.3922



125.2270, -5.0419, -109.8241



41.9000, -1.9227, -36.7463

Inverse Universe

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



89.1610, 6.8226, 145.4408



87.8730, 6.9646, 146.5704



92.3220, -44.5287, 142.6686



119.4570, 0.2677, 7.4922



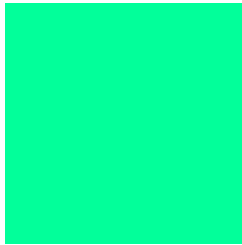
65.7730, 5.0419, 109.8241



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 167.8390, -6.8226, -145.4408 looks on a white background.

Color Contrast Check

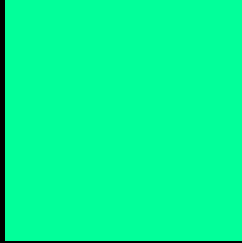
Large Text (above 18pt) WCAG AA × Fail

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 167.8390, -6.8226, -145.4408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

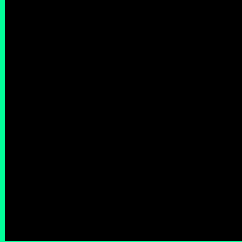
Any Text WCAG AA ✓ Pass

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 167.8390, -6.8226, -145.4408 Background



This preview shows how black text looks on a background with the YUV color 167.8390, -6.8226, -145.4408.



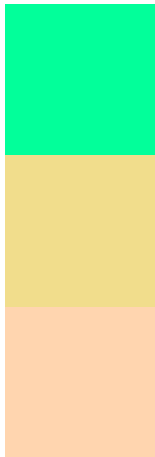
This preview shows how white text looks on a background with the YUV color 167.8390, -6.8226, -145.4408.

-145.4408.

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

167.8390, -6.8226, -145.4408

Protanopia

217.7460, -38.3288, 20.3938

Deuteranopia

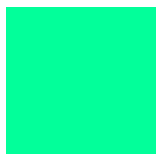
221.2260, -22.7894, 29.6198



Tritanopia

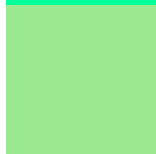
207.6350, 23.3509, -69.8399

Trichromacy



Original Color

167.8390, -6.8226, -145.4408



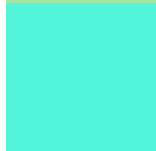
Protanomaly

199.3470, -26.7931, -39.7693



Deuteranomaly

201.6110, -17.0632, -33.8618



Tritanomaly

193.1850, 12.2338, -97.5092

Monochromacy



Original Color

167.8390, -6.8226, -145.4408



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.2740, -2.6001, -52.8603

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.8390, -6.8226, -145.4408 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(2, 255, 154)` looks like.

```
.text, #text, p{  
    color:rgb(2, 255, 154)  
}
```

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(2, 255, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 255, 154) }
```

Border

The CSS property to change the border of an element to YUV 167.8390, -6.8226, -145.4408 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(2, 255, 154) }
```


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

```
.border{ border-color:rgb(2, 255, 154) }
```

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

Here you see how a box with a 4 pixel rgb(2, 255, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 255, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 255, 154);  
box-shadow:4px 4px 4px 4px rgb(2, 255,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 167.8390, -6.8226, -145.4408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 255, 154) }
```

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

```
.background{ background-color: rgb(2, 255,  
154) }
```

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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