

Converting Colors

YUV(167.4800, -5.6596,
-145.1260)

Have a look what the booklet for
YUV(167.4800, -5.6596, -145.1260)
contains.

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Color

**YUV(167.4800, -5.6596,
-145.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	02FE9C
RGB	2, 254, 156
RGB Percent	1%, 100%, 61%
CMY	0.9922, 0.0039, 0.3882
CMYK	0.99, 0.00, 0.39, 0.00
HSL	157°, 99%, 50%
HSV	157°, 99%, 100%
XYZ	41.4676, 73.2968, 43.4146
YIQ	167.4800, -118.7340, -83.9020

Conversions

Conversions Part 2

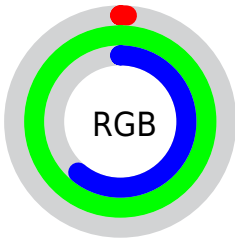
Format	Color
RYB	2, 158, 254
Decimal	196252
CIELab	88.59, -71.59, 33.12
CIELCh	89, 78.883, 155.173
Yxy	73.2968, 0.2622, 0.4634
Android (android.graphics.Color)	4278386332 (0xFF02FE9C)
YUV	167.4800, -5.6596, -145.1260
Hunter-Lab	85.6136, -63.3659, 29.8635

Details

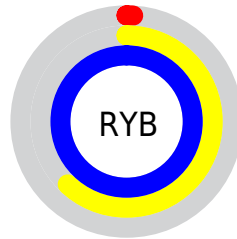
The YUV color **167.4800, -5.6596, -145.1260** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **88.5200, 5.6596, 145.1260**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.1240, 1.4179, -81.6697**, and **126.9080, -11.2936, -111.2983** is the 20% darker color. If you saturate the color by 10%, you get **166.7680, -5.8016, -146.2555**, and if you desaturate by 10%, it is **176.0950, -4.9768, -130.7563**.

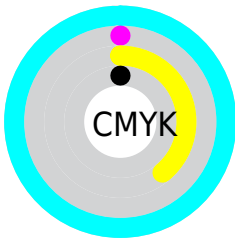
Distribution



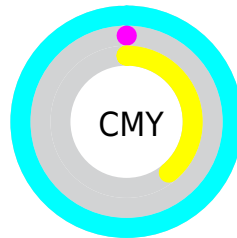
- Red (1%)
- Green (100%)
- Blue (61%)



- Red (1%)
- Yellow (62%)
- Blue (100%)



- Cyan (99%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (99%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.4800, -5.6596, -145.1260 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 167.4800, -5.6596, -145.1260 by changing the saturation by 10% instead.

■ 167.4800, -5.6596,
-145.1260

■ 167.4800, -5.6596,
-145.1260

■ 255.0000, 0.0000,
0.0000

■ 146.7810, -8.7660,
-128.7269

■ 208.1240, 1.4179,
-81.6697

■ 126.9080,
-11.2936, -111.2983

■ 221.8950, 8.9258,
-63.0519

■ 107.0350,
-13.8213, -93.8697

■ 233.4720, 10.6133,
-44.2639

■ 88.3360, -16.9276,
-77.4707

■ 243.0400, 5.8963,
-24.5911

■ 69.7510, -19.5972,
-61.1716

■ 252.9070, 1.0318,
-4.3034

■ 50.9380, -23.1404,
-44.6726

■ 36.3940, -17.9422,

-31.9175

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 167.4800, -5.6596,
-145.1260

■ 167.4800, -5.6596,
-145.1260

■ 166.7680, -5.8016,
-146.2555

■ 176.0950, -4.9768,
-130.7563

■ 185.0090, -4.4414,
-115.7719

■ 193.6240, -3.7586,
-101.4022

■ 202.5380, -3.2232,
-86.4178

■ 211.0390, -2.9772,
-71.9482

■ 219.6540, -2.2944,
-57.5786

■ 228.5680, -1.7590,
-42.5941

■ 237.1830, -1.0762,
-28.2245

■ 246.0970, -0.5408,
-13.2401

Harmonies

Analogous

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



204.0300, -56.2168, -28.9673



167.4800, -5.6596, -145.1260



176.3610, 28.4160, -154.6686

Triad

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



167.4800, -5.6596, -145.1260



183.2490, 35.3732, -99.3194



189.6470, -24.4760, 57.3146

Complementary

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



167.4800, -5.6596, -145.1260



88.5200, 5.6596, 145.1260

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.



189.0500, 11.3143, 57.8381



167.4800, -5.6596, -145.1260



217.0670, 18.7010, 21.8662

Square

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



167.4800, -5.6596, -145.1260



174.0590, 39.9039, -152.6497



202.7570, 25.7558, 45.8171



200.0580, -58.2026, 48.1841

Rectangle

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



167.4800, -5.6596, -145.1260



178.7550, 37.5888, -156.7681



202.7570, 25.7558, 45.8171



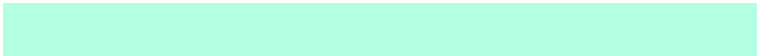
187.5730, -12.1145, 59.1335

Sweetspot

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



167.4800, -5.6596, -145.1260



228.8560, -1.9010, -43.7237



180.1230, -87.8146, -67.6369



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.



167.4800, -5.6596, -145.1260



167.4690, -5.6542, -146.8703



163.9770, 44.3813, -142.0538



123.5430, -0.2677, -7.4922



125.4550, -4.1683, -110.0240



42.0140, -1.4859, -36.8463

Inverse Universe

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



88.5200, 5.6596, 145.1260



87.5310, 5.6542, 146.8703



92.0230, -44.3813, 142.0538



119.4570, 0.2677, 7.4922



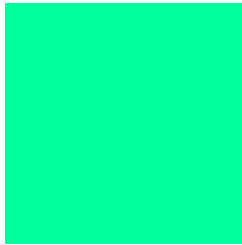
65.5450, 4.1683, 110.0240



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 167.4800, -5.6596, -145.1260 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 167.4800, -5.6596, -145.1260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

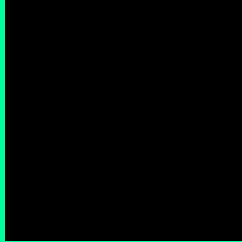
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

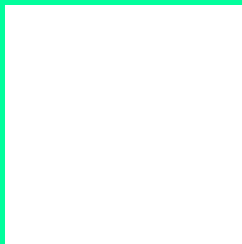
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 167.4800, -5.6596, -145.1260 Background



This preview shows how black text looks on a background with the YUV color 167.4800, -5.6596, -145.1260.



This preview shows how white text looks on a background with the YUV color 167.4800, -5.6596, -145.1260.

Color Blindness Simulation

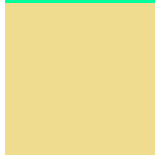
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

167.4800, -5.6596, -145.1260



Protanopia

216.7890, -36.8710, 19.4790



Deuteranopia

220.5250, -22.9368, 30.2346



Tritanopia

205.8520, 24.2300, -71.7842

Trichromacy



Original Color

167.4800, -5.6596, -145.1260



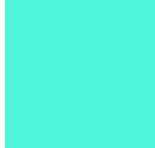
Protanomaly

198.6890, -25.4827, -40.0693



Deuteranomaly

201.0240, -16.7738, -33.3470



Tritanomaly

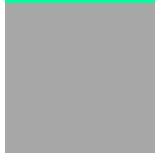
192.1140, 13.2548, -98.3240

Monochromacy



Original Color

167.4800, -5.6596, -145.1260



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

167.3880, -2.1633, -52.9603

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.4800, -5.6596, -145.1260 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, 254, 156)` looks like.

```
.text, #text, p{  
    color:rgb(2, 254, 156)  
}
```

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, 254, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 254, 156) }
```

Border

The CSS property to change the border of an element to YUV 167.4800, -5.6596, -145.1260 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, 254, 156) }
```


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

```
.border{ border-color:rgb(2, 254, 156) }
```

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

Here you see how a box with a 4 pixel rgb(2, 254, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 254, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 254, 156);  
box-shadow:4px 4px 4px 4px rgb(2, 254,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 167.4800, -5.6596, -145.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 254, 156) }
```

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

```
.background{ background-color: rgb(2, 254,  
156) }
```

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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