

Converting Colors

YUV(167.9970, -6.4075,
-138.5634)

Have a look what the booklet for
YUV(167.9970, -6.4075, -138.5634)
contains.

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Color

**YUV(167.9970, -6.4075,
-138.5634)**

Conversions

Conversions Part 1

Format	Color
Hex	0AFB9B
RGB	10, 251, 155
RGB Percent	4%, 98%, 61%
CMY	0.9608, 0.0157, 0.3922
CMYK	0.96, 0.00, 0.38, 0.02
HSL	156°, 97%, 51%
HSV	156°, 96%, 98%
XYZ	40.5387, 71.4254, 42.6602
YIQ	167.9970, -112.8200, -80.9480

Conversions

Conversions Part 2

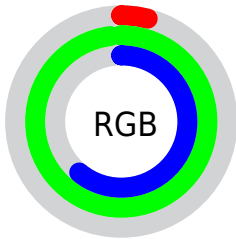
Format	Color
RYB	10, 160, 251
Decimal	719771
CIELab	87.69, -70.58, 32.43
CIELCh	88, 77.671, 155.320
Yxy	71.4254, 0.2622, 0.4619
Android (android.graphics.Color)	4278909851 (0xFF0AFB9B)
YUV	167.9970, -6.4075, -138.5634
Hunter-Lab	84.5136, -62.2774, 29.2315

Details

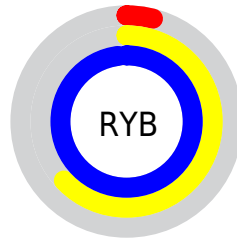
The YUV color **167.9970, -6.4075, -138.5634** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **93.0030, 6.4075, 138.5634**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.3090, 0.8337, -80.9550**, and **125.0330, -10.8623, -109.6539** is the 20% darker color. If you saturate the color by 10%, you get **164.5510, -6.6806, -144.3112**, and if you desaturate by 10%, it is **176.6120, -5.7247, -124.1937**.

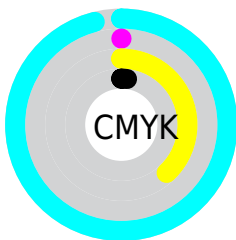
Distribution



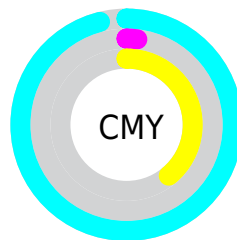
- Red (4%)
- Green (98%)
- Blue (61%)



- Red (4%)
- Yellow (63%)
- Blue (98%)



- Cyan (96%)
- Magenta (0%)
- Yellow (38%)
- Black (2%)



- Cyan (96%)
- Magenta (2%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.9970, -6.4075, -138.5634 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 167.9970, -6.4075, -138.5634 by changing the saturation by 10% instead.

167.9970, -6.4075,
-138.5634

167.9970, -6.4075,
-138.5634

255.0000, 0.0000,
0.0000

145.0200, -7.8979,
-127.1825

208.3090, 0.8337,
-80.9550

125.0330,
-10.8623, -109.6539

221.7810, 8.4890,
-62.9519

105.7470,
-13.6793, -92.7401

233.4720, 10.6133,
-44.2639

86.5750, -16.0595,
-75.9263

243.0400, 5.8963,
-24.5911

67.9900, -18.7291,
-59.6272

252.6080, 1.1793,
-4.9182

49.7640, -22.5617,
-43.6430

35.2200, -17.3635,

-30.8879

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 167.9970, -6.4075,
-138.5634

■ 167.9970, -6.4075,
-138.5634

■ 164.5510, -6.6806,
-144.3112

■ 176.6120, -5.7247,
-124.1937

■ 185.2270, -5.0419,
-109.8241

■ 193.8420, -4.3591,
-95.4544

■ 202.4570, -3.6763,
-81.0848

■ 211.0720, -2.9935,
-66.7151

■ 219.9860, -2.4581,
-51.7307

■ 228.6010, -1.7753,
-37.3611

■ 237.2160, -1.0925,
-22.9914

■ 245.8310, -0.4097,
-8.6218

Harmonies

Analogous

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



201.6710, -55.0538, -28.6525



167.9970, -6.4075, -138.5634



176.0190, 27.1056, -154.3687

Triad

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



167.9970, -6.4075, -138.5634



182.9830, 35.5044, -94.7011



188.8320, -25.0602, 58.0293

Complementary

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



167.9970, -6.4075, -138.5634



93.0030, 6.4075, 138.5634

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.



188.2350, 10.7301, 58.5529



167.9970, -6.4075, -138.5634



215.2950, 19.5746, 21.6663

Square

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



167.9970, -6.4075, -138.5634



172.2980, 40.7721, -151.1053



201.5830, 26.3346, 46.8467



198.7700, -58.0606, 49.3137

Rectangle

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



167.9970, -6.4075, -138.5634



178.7550, 37.5888, -156.7681



201.5830, 26.3346, 46.8467



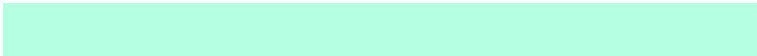
186.7580, -12.6987, 59.8482

Sweetspot

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



167.9970, -6.4075, -138.5634



229.5680, -1.7590, -42.5941



180.1710, -83.8943, -65.0480



112.4930, -1.2290, -25.8654



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.



167.9970, -6.4075, -138.5634



167.1270, -6.9646, -146.5704



164.8530, 42.4705, -135.8061



120.5430, -0.2677, -7.4922



123.9390, -4.8999, -108.6945



40.0250, -1.4913, -35.1019

Inverse Universe

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



93.0030, 6.4075, 138.5634



87.8730, 6.9646, 146.5704



96.1470, -42.4705, 135.8061



116.4570, 0.2677, 7.4922



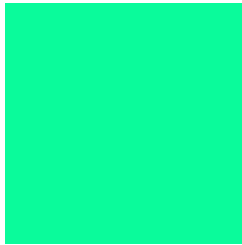
65.0610, 4.8999, 108.6945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 167.9970, -6.4075, -138.5634 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 167.9970, -6.4075, -138.5634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

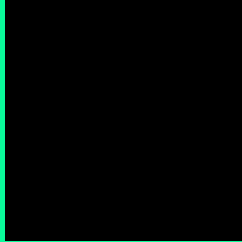
Any Text WCAG AA ✓ Pass

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 167.9970, -6.4075, -138.5634 Background



This preview shows how black text looks on a background with the YUV color 167.9970, -6.4075, -138.5634.



This preview shows how white text looks on a background with the YUV color 167.9970, -6.4075, -138.5634.

-138.5634.

Color Blindness Simulation

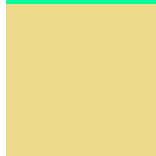
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

167.9970, -6.4075, -138.5634



Protanopia

214.9030, -36.4342, 19.3791



Deuteranopia

217.9660, -25.1262, 32.4788



Tritanopia

200.4810, 26.8779, -81.1058

Trichromacy



Original Color

167.9970, -6.4075, -138.5634



Protanomaly

197.7000, -25.4881, -38.3249



Deuteranomaly

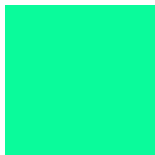
199.7040, -18.0951, -29.5584



Tritanomaly

188.5480, 15.0128, -102.2126

Monochromacy



Original Color

167.9970, -6.4075, -138.5634



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.9970, -2.4635, -49.9864

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.9970, -6.4075, -138.5634 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(10, 251, 155)` looks like.

```
.text, #text, p{  
    color:rgb(10, 251, 155)  
}
```

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(10, 251, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 251, 155) }
```

Border

The CSS property to change the border of an element to YUV 167.9970, -6.4075, -138.5634 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(10, 251, 155) }
```


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

```
.border{ border-color:rgb(10, 251, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 251, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 251, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 251, 155);  
box-shadow:4px 4px 4px 4px rgb(10, 251,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 167.9970, -6.4075, -138.5634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 251, 155) }
```

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

```
.background{ background-color: rgb(10, 251,  
155) }
```

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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