

Converting Colors

YUV(165.9080, -18.1956,
-137.6083)

Have a look what the booklet for
YUV(165.9080, -18.1956, -137.6083)
contains.

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Color

**YUV(165.9080, -18.1956,
-137.6083)**

Conversions

Conversions Part 1

Format	Color
Hex	09FD81
RGB	9, 253, 129
RGB Percent	4%, 99%, 51%
CMY	0.9647, 0.0078, 0.4941
CMYK	0.96, 0.00, 0.49, 0.01
HSL	150°, 98%, 51%
HSV	150°, 96%, 99%
XYZ	39.2004, 71.8936, 32.5797
YIQ	165.9080, -105.6200, -90.2920

Conversions

Conversions Part 2

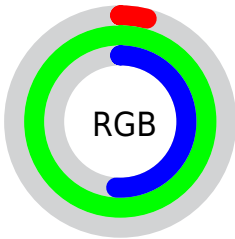
Format	Color
RYB	9, 173, 253
Decimal	654721
CIELab	87.92, -75.74, 45.40
CIELCh	88, 88.303, 149.062
Yxy	71.8936, 0.2728, 0.5004
Android (android.graphics.Color)	4278844801 (0xFF09FD81)
YUV	165.9080, -18.1956, -137.6083
Hunter-Lab	84.7901, -65.8581, 36.5715

Details

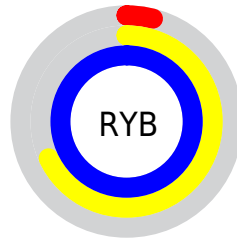
The YUV color **165.9080, -18.1956, -137.6083** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **96.0920, 18.1956, 137.6083**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.3450, -10.5231, -78.3556**, and **123.2430, -22.7978, -108.0841** is the 20% darker color. If you saturate the color by 10%, you get **162.6470, -19.0530, -142.6414**, and if you desaturate by 10%, it is **174.8650, -16.2024, -123.5386**.

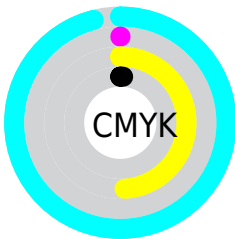
Distribution



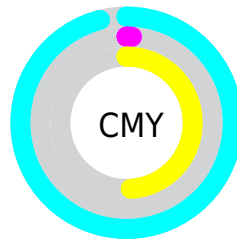
- Red (4%)
- Green (99%)
- Blue (51%)



- Red (4%)
- Yellow (68%)
- Blue (99%)



- Cyan (96%)
- Magenta (0%)
- Yellow (49%)
- Black (1%)



- Cyan (96%)
- Magenta (1%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.9080, -18.1956, -137.6083 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 165.9080, -18.1956, -137.6083 by changing the saturation by 10% instead.

165.9080,
-18.1956, -137.6083

165.9080,
-18.1956, -137.6083

255.0000, 0.0000,
0.0000

143.2300,
-19.8334, -125.6127

205.3450,
-10.5231, -78.3556

123.2430,
-22.7978, -108.0841

219.0020, -3.4520,
-59.6378

103.2560,
-25.7622, -90.5555

232.1750, 4.3507,
-42.2495

84.2150, -30.1790,
-73.8566

243.3390, 5.7489,
-23.9763

65.7440, -32.4118,
-57.6575

252.9070, 1.0318,
-4.3034

49.8950, -24.5982,
-43.7579

35.8070, -17.6529,

-31.4027

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 165.9080,
-18.1956, -137.6083

■ 165.9080,
-18.1956, -137.6083

■ 162.6470,
-19.0530, -142.6414

■ 174.8650,
-16.2024, -123.5386

■ 184.1210,
-14.3567, -108.8541

■ 193.0780,
-12.3635, -94.7844

■ 201.9210,
-10.8071, -80.6147

■ 211.1770, -8.9613,
-65.9302

■ 220.1340, -6.9681,
-51.8605

■ 229.0910, -4.9749,
-37.7908

■ 238.0480, -2.9817,
-23.7211

■ 247.3040, -1.1359,
-9.0366

Harmonies

Analogous

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



200.3400, -73.1316, -16.9612



165.9080, -18.1956, -137.6083



174.1950, 20.1169, -152.7690

Triad

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



165.9080, -18.1956, -137.6083



164.6670, 44.5342, -144.4130



179.5370, -17.5197, 66.1811

Complementary

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



165.9080, -18.1956, -137.6083



96.0920, 18.1956, 137.6083

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.



181.9550, 22.2072, 64.0605



165.9080, -18.1956, -137.6083



209.5700, 22.3970, 3.0081

Square

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



165.9080, -18.1956, -137.6083



176.4070, 38.7463, -154.7089



199.8220, 27.2028, 48.3911



191.1730, -59.2453, 55.9763

Rectangle

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



165.9080, -18.1956, -137.6083



178.7550, 37.5888, -156.7681



199.8220, 27.2028, 48.3911



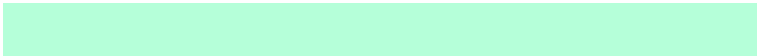
177.9190, -3.4111, 67.6000

Sweetspot

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



165.9080, -18.1956, -137.6083



228.5420, -5.6902, -41.6943



189.9020, -89.1847, -48.1491



111.9230, -3.4130, -25.3655



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.



165.9080, -18.1956, -137.6083



163.9350, -19.1950, -143.7710



179.5880, 34.2201, -149.6057



123.3150, -1.1413, -7.2923



122.8330, -14.2147, -107.7245



41.1020, -4.9803, -36.0465

Inverse Universe

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



96.0920, 18.1956, 137.6083



91.0650, 19.1950, 143.7710



82.4120, -34.2201, 149.6057



119.5710, 0.7045, 7.3922



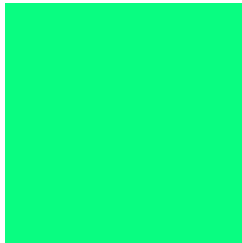
68.1670, 14.2147, 107.7245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 165.9080, -18.1956, -137.6083 looks on a white background.

Color Contrast Check

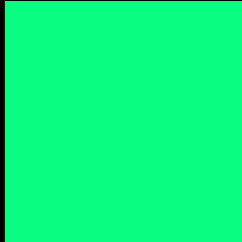
Large Text (above 18pt) WCAG AA × Fail

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 165.9080, -18.1956, -137.6083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

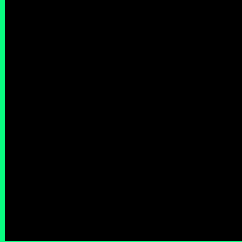
Any Text WCAG AA ✓ Pass

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 165.9080, -18.1956, -137.6083 Background



This preview shows how black text looks on a background with the YUV color 165.9080, -18.1956, -137.6083.



This preview shows how white text looks on a background with the YUV color 165.9080, -18.1956, -137.6083.

Color Blindness Simulation

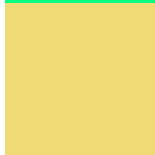
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

165.9080, -18.1956, -137.6083



Protanopia

213.0640, -47.3596, 23.6229



Deuteranopia

217.6410, -28.9100, 32.7638



Tritanopia

201.9760, 26.1408, -78.0320

Trichromacy



Original Color

165.9080, -18.1956, -137.6083



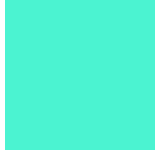
Protanomaly

196.0350, -36.9923, -35.1107



Deuteranomaly

199.1680, -25.2258, -29.0883



Tritanomaly

188.8920, 9.9132, -99.8833

Monochromacy



Original Color

165.9080, -18.1956, -137.6083



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.2590, -6.5367, -50.2161

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.9080, -18.1956, -137.6083 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(9, 253, 129)` looks like.

```
.text, #text, p{  
    color:rgb(9, 253, 129)  
}
```

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(9, 253, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 253, 129) }
```

Border

The CSS property to change the border of an element to YUV 165.9080, -18.1956, -137.6083 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(9, 253, 129) }
```


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

```
.border{ border-color:rgb(9, 253, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 253, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 253, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 253, 129);  
box-shadow:4px 4px 4px 4px rgb(9, 253,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 165.9080, -18.1956, -137.6083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 253, 129) }
```

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

```
.background{ background-color: rgb(9, 253,  
129) }
```

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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