

Converting Colors

YUV(165.7280, -15.1489,
-134.8195)

Have a look what the booklet for
YUV(165.7280, -15.1489, -134.8195)
contains.

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Color

**YUV(165.7280, -15.1489,
-134.8195)**

Conversions

Conversions Part 1

Format	Color
Hex	0CFA87
RGB	12, 250, 135
RGB Percent	5%, 98%, 53%
CMY	0.9529, 0.0196, 0.4706
CMYK	0.95, 0.00, 0.46, 0.02
HSL	151°, 96%, 51%
HSV	151°, 95%, 98%
XYZ	38.7104, 70.1986, 34.4311
YIQ	165.7280, -104.9330, -86.2210

Conversions

Conversions Part 2

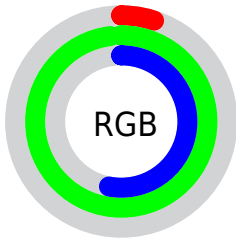
Format	Color
RYB	12, 169, 250
Decimal	850567
CIELab	87.09, -73.75, 41.49
CIELCh	87, 84.618, 150.638
Yxy	70.1986, 0.2701, 0.4897
Android (android.graphics.Color)	4279040647 (0xFF0CFA87)
YUV	165.7280, -15.1489, -134.8195
Hunter-Lab	83.7846, -64.1521, 34.2841

Details

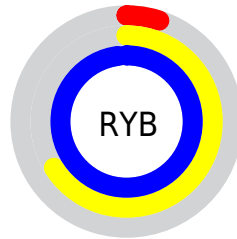
The YUV color **165.7280, -15.1489, -134.8195** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **96.2720, 15.1489, 134.8195**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.0290, -7.9023, -78.9554**, and **122.1660, -19.3088, -107.1396** is the 20% darker color. If you saturate the color by 10%, you get **161.4560, -16.0008, -141.5969**, and if you desaturate by 10%, it is **174.5710, -13.5925, -120.6498**.

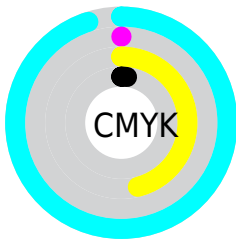
Distribution



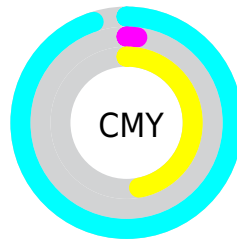
- Red (5%)
- Green (98%)
- Blue (53%)



- Red (5%)
- Yellow (66%)
- Blue (98%)



- Cyan (95%)
- Magenta (0%)
- Yellow (46%)
- Black (2%)



- Cyan (95%)
- Magenta (2%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.7280, -15.1489, -134.8195 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 165.7280, -15.1489, -134.8195 by changing the saturation by 10% instead.

165.7280,
-15.1489, -134.8195

165.7280,
-15.1489, -134.8195

255.0000, 0.0000,
0.0000

142.1530,
-16.3444, -124.6682

206.0290, -7.9023,
-78.9554

122.1660,
-19.3088, -107.1396

219.3870, -0.6838,
-60.8524

102.8800,
-22.1258, -90.2258

232.5600, 7.1189,
-43.4641

83.4800, -25.3796,
-73.2120

243.0400, 5.8963,
-24.5911

63.9830, -31.5436,
-56.1131

252.6080, 1.1793,
-4.9182

48.7210, -24.0195,
-42.7283

34.6330, -17.0741,

-30.3731

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 165.7280,
-15.1489, -134.8195

■ 165.7280,
-15.1489, -134.8195

■ 161.4560,
-16.0008, -141.5969

■ 174.5710,
-13.5925, -120.6498

■ 183.4140,
-12.0361, -106.4801

■ 192.2570,
-10.4797, -92.3104

■ 201.1000, -8.9233,
-78.1407

■ 209.9430, -7.3669,
-63.9710

■ 218.7860, -5.8105,
-49.8013

■ 227.7430, -3.8173,
-35.7316

■ 236.5860, -2.2609,
-21.5619

■ 245.4290, -0.7045,
-7.3922

Harmonies

Analogous

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



198.9250, -67.0110, -20.1052



165.7280, -15.1489, -134.8195



174.4230, 20.9905, -152.9690

Triad

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



165.7280, -15.1489, -134.8195



162.3190, 45.6917, -142.3538



180.9560, -19.6983, 64.9366

Complementary

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



165.7280, -15.1489, -134.8195



96.2720, 15.1489, 134.8195

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.



182.9180, 18.2814, 63.2159



165.7280, -15.1489, -134.8195



209.6030, 22.3807, 8.2412

Square

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



165.7280, -15.1489, -134.8195



173.4720, 40.1933, -152.1349



199.2350, 27.4921, 48.9059



192.5750, -58.9505, 54.7467

Rectangle

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



165.7280, -15.1489, -134.8195



178.7550, 37.5888, -156.7681



199.2350, 27.4921, 48.9059



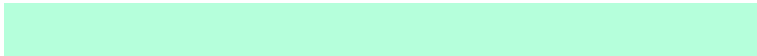
179.6970, -6.7526, 66.0407

Sweetspot

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



165.7280, -15.1489, -134.8195



228.7700, -4.8166, -41.8943



186.0910, -85.8269, -51.8228



112.0370, -2.9762, -25.4654



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.



165.7280, -15.1489, -134.8195



164.7330, -16.1374, -144.4708



176.4900, 36.2404, -144.2577



120.4290, -0.7045, -7.3922



122.1150, -11.8887, -107.0949



39.4550, -3.6753, -34.6020

Inverse Universe

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



96.2720, 15.1489, 134.8195



90.2670, 16.1374, 144.4708



85.5100, -36.2404, 144.2577



116.5710, 0.7045, 7.3922



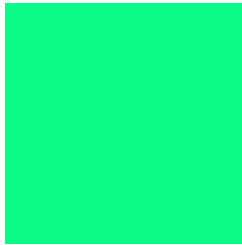
66.8850, 11.8887, 107.0949



21.6590, 4.1121, 34.5021

Previews

White Background



This preview shows how the YUV color 165.7280, -15.1489, -134.8195 looks on a white background.

Color Contrast Check

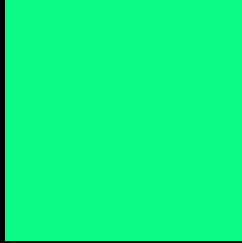
Large Text (above 18pt) WCAG AA × Fail

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 165.7280, -15.1489, -134.8195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

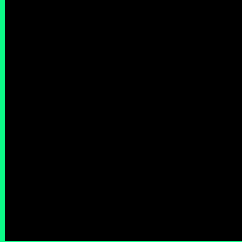
Any Text WCAG AA ✓ Pass

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 165.7280, -15.1489, -134.8195 Background



This preview shows how black text looks on a background with the YUV color 165.7280, -15.1489, -134.8195.



This preview shows how white text looks on a background with the YUV color 165.7280, -15.1489, -134.8195.

-134.8195.

Color Blindness Simulation

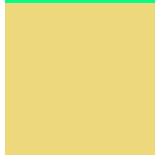
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

165.7280, -15.1489, -134.8195



Protanopia

211.6770, -43.7178, 22.2083



Deuteranopia

215.3100, -30.2258, 34.8081



Tritanopia

196.6050, 28.7887, -87.3536

Trichromacy



Original Color

165.7280, -15.1489, -134.8195



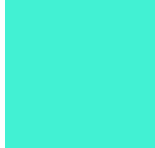
Protanomaly

194.6590, -33.3559, -34.7809



Deuteranomaly

197.5920, -24.9419, -26.8292



Tritanomaly

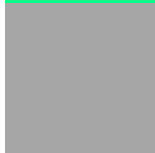
185.2550, 12.6923, -104.5866

Monochromacy



Original Color

165.7280, -15.1489, -134.8195



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.1990, -5.5211, -49.2865

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.7280, -15.1489, -134.8195 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(12, 250, 135)` looks like.

```
.text, #text, p{  
    color:rgb(12, 250, 135)  
}
```

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(12, 250, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 250, 135) }
```

Border

The CSS property to change the border of an element to YUV 165.7280, -15.1489, -134.8195 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(12, 250, 135) }
```


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

```
.border{ border-color:rgb(12, 250, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 250, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 250, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 250, 135);  
box-shadow:4px 4px 4px 4px rgb(12, 250,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 165.7280, -15.1489, -134.8195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 250, 135) }
```

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

```
.background{ background-color: rgb(12, 250,  
135) }
```

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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