

Converting Colors

YUV(160.9830, -15.2746,
-141.1821)

Have a look what the booklet for
YUV(160.9830, -15.2746, -141.1821)
contains.

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Color

**YUV(160.9830, -15.2746,
-141.1821)**

Conversions

Conversions Part 1

Format	Color
Hex	00F982
RGB	0, 249, 130
RGB Percent	0%, 98%, 51%
CMY	1.0000, 0.0235, 0.4902
CMYK	1.00, 0.00, 0.48, 0.02
HSL	151°, 100%, 49%
HSV	151°, 100%, 98%
XYZ	37.9049, 69.3631, 32.5097
YIQ	160.9830, -110.2050, -89.7970

Conversions

Conversions Part 2

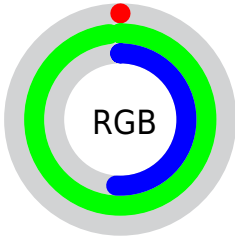
Format	Color
RYB	0, 164, 249
Decimal	63874
CIELab	86.68, -74.57, 43.37
CIELCh	87, 86.260, 149.819
Yxy	69.3631, 0.2712, 0.4962
Android (android.graphics.Color)	4278253954 (0xFF00F982)
YUV	160.9830, -15.2746, -141.1821
Hunter-Lab	83.2845, -64.5079, 35.1556

Details

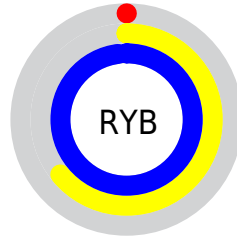
The YUV color **160.9830, -15.2746, -141.1821** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **88.0170, 15.2746, 141.1821**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.8610, -9.7915, -79.6851**, and **121.0090, -21.2034, -106.1249** is the 20% darker color. If you saturate the color by 10%, you get **160.9830, -15.2746, -141.1821**, and if you desaturate by 10%, it is **169.8260, -13.7182, -127.0124**.

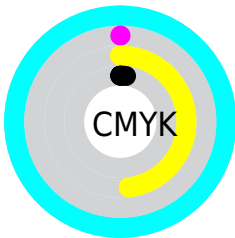
Distribution



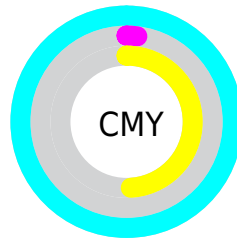
- Red (0%)
- Green (98%)
- Blue (51%)



- Red (0%)
- Yellow (64%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.9830, -15.2746, -141.1821 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 160.9830, -15.2746, -141.1821 by changing the saturation by 10% instead.

■ 160.9830,
-15.2746, -141.1821

■ 160.9830,
-15.2746, -141.1821

■ 255.0000, 0.0000,
0.0000

■ 140.9960,
-18.2390, -123.6535

■ 204.8610, -9.7915,
-79.6851

■ 121.0090,
-21.2034, -106.1249

■ 218.5180, -2.7204,
-60.9673

■ 101.6090,
-24.4572, -89.1111

■ 231.3920, 5.2297,
-44.1938

■ 82.0950, -28.1478,
-71.9973

■ 242.7410, 6.0437,
-25.2059

■ 63.3960, -31.2542,
-55.5983

■ 252.3090, 1.3267,
-5.5330

■ 48.1340, -23.7301,
-42.2135

■ 34.0460, -16.7847,

-29.8583

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 160.9830,
-15.2746, -141.1821

■ 169.8260,
-13.7182, -127.0124

■ 178.6690,
-12.1618, -112.8427

■ 187.5120,
-10.6054, -98.6730

■ 196.3550, -9.0490,
-84.5033

■ 205.0840, -7.9294,
-70.2337

■ 213.6280, -6.2256,
-56.6788

■ 222.4710, -4.6692,
-42.5091

■ 231.3140, -3.1128,
-28.3394

■ 240.1570, -1.5564,
-14.1697

Harmonies

Analogous

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



197.5400, -69.7792, -18.8906



160.9830, -15.2746, -141.1821



174.0810, 19.6801, -152.6690

Triad

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



160.9830, -15.2746, -141.1821



162.3190, 45.6917, -142.3538



179.1950, -18.8301, 66.4810

Complementary

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



160.9830, -15.2746, -141.1821



88.0170, 15.2746, 141.1821

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.



180.6840, 19.8758, 65.1751



160.9830, -15.2746, -141.1821



207.5210, 23.4071, 5.6821

Square

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



160.9830, -15.2746, -141.1821



173.4720, 40.1933, -152.1349



198.0610, 28.0709, 49.9355



190.4720, -59.3927, 56.5911

Rectangle

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



160.9830, -15.2746, -141.1821



178.7550, 37.5888, -156.7681



198.0610, 28.0709, 49.9355



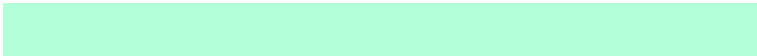
177.3490, -5.5951, 68.0999

Sweetspot

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



160.9830, -15.2746, -141.1821



228.0580, -4.9586, -43.0239



182.0430, -89.7472, -54.4117



111.7380, -2.8288, -26.0802



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.



160.9830, -15.2746, -141.1821



164.8470, -15.7006, -144.5708



172.2010, 37.8619, -151.0203



120.4290, -0.7045, -7.3922



122.2290, -11.4519, -107.1948



39.4550, -3.6753, -34.6020

Inverse Universe

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



88.0170, 15.2746, 141.1821



90.1530, 15.7006, 144.5708



76.7990, -37.8619, 151.0203



116.5710, 0.7045, 7.3922



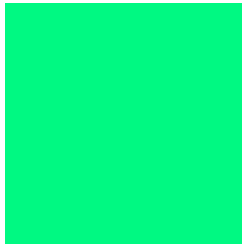
66.7710, 11.4519, 107.1948



21.5450, 3.6753, 34.6020

Previews

White Background



This preview shows how the YUV color 160.9830, -15.2746, -141.1821 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 160.9830, -15.2746, -141.1821 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 160.9830, -15.2746, -141.1821 Background



This preview shows how black text looks on a background with the YUV color 160.9830, -15.2746, -141.1821.



This preview shows how white text looks on a background with the YUV color 160.9830, -15.2746, -141.1821.

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



Protanopia

210.2210, -45.4650, 22.6082

Deuteranopia

214.1530, -32.1204, 35.8228

Tritanopia

195.0070, 29.0835, -88.5831

Trichromacy



Protanomaly

192.0070, -34.5135, -36.8401

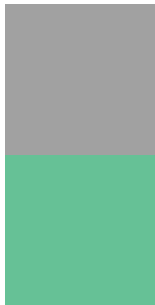
Deuteranomaly

194.9400, -26.0994, -28.8884

Tritanomaly

182.6460, 12.9925, -107.5605

Monochromacy



Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.8890, -5.3683, -51.6457

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.9830, -15.2746, -141.1821 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(0, 249, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 249, 130)  
}
```

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(0, 249, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 249, 130) }
```

Border

The CSS property to change the border of an element to YUV 160.9830, -15.2746, -141.1821 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(0, 249, 130) }
```

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

```
.border{ border-color:rgb(0, 249, 130) }
```

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

Here you see how a box with a 4 pixel rgb(0, 249, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 249, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 249, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 249,  
130) }
```


Background

The CSS property to change the background color of an element to YUV 160.9830, -15.2746, -141.1821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 249, 130) }
```

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

```
.background{ background-color: rgb(0, 249,  
130) }
```

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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