

Converting Colors

YUV(136.8070, -21.5969,
-119.9797)

Have a look what the booklet for
YUV(136.8070, -21.5969, -119.9797)
contains.

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Color

**YUV(136.8070, -21.5969,
-119.9797)**

Conversions

Conversions Part 1

Format	Color
Hex	00D75D
RGB	0, 215, 93
RGB Percent	0%, 84%, 36%
CMY	1.0000, 0.1569, 0.6353
CMYK	1.00, 0.00, 0.57, 0.16
HSL	146°, 100%, 42%
HSV	146°, 100%, 84%
XYZ	26.2762, 49.3912, 18.5045
YIQ	136.8070, -88.9780, -83.5220

Conversions

Conversions Part 2

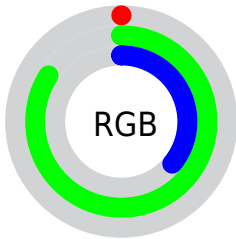
Format	Color
RYB	0, 150, 215
Decimal	55133
CIELab	75.69, -69.51, 47.31
CIELCh	76, 84.085, 145.760
Yxy	49.3912, 0.2790, 0.5245
Android (android.graphics.Color)	4278245213 (0xFF00D75D)
YUV	136.8070, -21.5969, -119.9797
Hunter-Lab	70.2789, -56.2495, 33.5841

Details

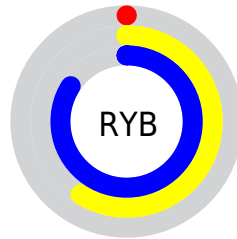
The YUV color **136.8070, -21.5969, -119.9797** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **78.1930, 21.5969, 119.9797**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.7240, -25.4999, -81.3189**, and **97.3060, -28.2519, -85.3374** is the 20% darker color. If you saturate the color by 10%, you get **136.8070, -21.5969, -119.9797**, and if you desaturate by 10%, it is **144.4540, -19.4508, -108.2692**.

Distribution



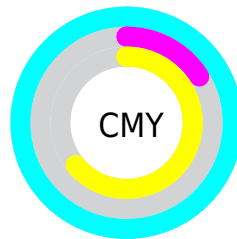
- Red (0%)
- Green (84%)
- Blue (36%)



- Red (0%)
- Yellow (59%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8070, -21.5969, -119.9797 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 136.8070, -21.5969, -119.9797 by changing the saturation by 10% instead.

■ 136.8070,
-21.5969, -119.9797

■ 136.8070,
-21.5969, -119.9797

■ 255.0000, 0.0000,
0.0000

■ 116.8200,
-24.5613, -102.4511

■ 197.7240,
-25.4999, -81.3189

■ 97.3060, -28.2519,
-85.3374

■ 210.7830,
-18.1340, -63.8307

■ 77.6950, -34.8526,
-68.1385

■ 223.5430,
-10.6207, -46.9572

■ 61.6350, -30.3861,
-54.0539

■ 236.0040, -2.9600,
-30.6985

■ 46.3730, -22.8619,
-40.6691

■ 248.4220, 3.2430,
-13.5251

■ 32.2850, -15.9165,
-28.3139

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 136.8070,
-21.5969, -119.9797

■ 144.4540,
-19.4508, -108.2692

■ 152.4000,
-17.4522, -95.9438

■ 160.4600,
-15.0168, -83.7184

■ 168.1070,
-12.8708, -72.0078

■ 176.0530,
-10.8721, -59.6825

■ 183.7000, -8.7261,
-47.9719

■ 191.6460, -6.7275,
-35.6465

■ 199.4070, -4.1447,
-24.0359

■ 207.3530, -2.1460,
-11.7106

Harmonies

Analogous

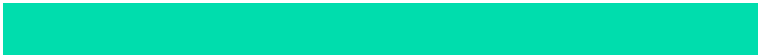
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



165.8160, -81.7473, -6.8546



136.8070, -21.5969, -119.9797



149.4490, 11.6106, -131.0668

Triad

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



136.8070, -21.5969, -119.9797



145.8830, 53.7947, -127.9394



157.2990, -16.4164, 85.6838

Complementary

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



136.8070, -21.5969, -119.9797



78.1930, 21.5969, 119.9797

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.



160.7940, 19.8216, 82.6187



136.8070, -21.5969, -119.9797



177.5860, 38.1651, -14.5459

Square

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



136.8070, -21.5969, -119.9797



155.2750, 49.1644, -136.1762



183.3860, 35.3057, 62.8055



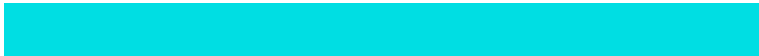
168.5760, -56.9790, 75.7938

Rectangle

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



136.8070, -21.5969, -119.9797



156.1920, 34.9083, -136.9804



183.3860, 35.3057, 62.8055



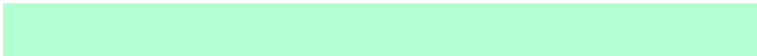
155.4530, -3.1813, 87.3027

Sweetspot

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



136.8070, -21.5969, -119.9797



227.3740, -7.5794, -42.4240



163.5800, -80.6449, -33.8347



111.1680, -5.0128, -25.5803



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.



136.8070, -21.5969, -119.9797



162.2250, -25.7469, -142.2713



148.6630, 23.8301, -130.3775



103.0270, -0.9993, -6.1627



108.8130, -17.1628, -95.4290



27.4070, -4.1447, -24.0359

Inverse Universe

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



78.1930, 21.5969, 119.9797



92.7750, 25.7469, 142.2713



66.3370, -23.8301, 130.3775



99.9730, 0.9993, 6.1627



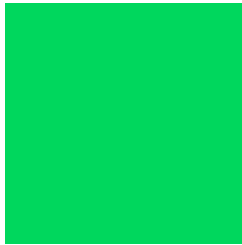
62.1870, 17.1628, 95.4290



15.7070, 4.5814, 23.9360

Previews

White Background



This preview shows how the YUV color 136.8070, -21.5969, -119.9797 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 136.8070, -21.5969, -119.9797 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 136.8070, -21.5969, -119.9797 Background



This preview shows how black text looks on a background with the YUV color 136.8070, -21.5969, -119.9797.



This preview shows how white text looks on a background with the YUV color 136.8070, -21.5969, -119.9797.

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

136.8070, -21.5969, -119.9797

Protanopia

179.4660, -47.0647, 22.3933

Deuteranopia

182.7420, -38.8198, 37.9373



Tritanopia

168.8410, 24.2354, -73.5286

Trichromacy



Original Color

136.8070, -21.5969, -119.9797



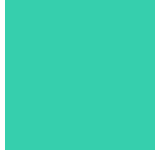
Protanomaly

163.8400, -37.8821, -29.6777



Deuteranomaly

165.9860, -32.5311, -19.2817



Tritanomaly

157.3770, 7.7021, -90.6616

Monochromacy



Original Color

136.8070, -21.5969, -119.9797



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

136.6620, -7.7214, -43.5536

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8070, -21.5969, -119.9797 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, 215, 93)` looks like.

```
.text, #text, p{  
    color:rgb(0, 215, 93)  
}
```

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, 215, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 215, 93) }
```

Border

The CSS property to change the border of an element to YUV 136.8070, -21.5969, -119.9797 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, 215, 93) }
```


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

```
.border{ border-color:rgb(0, 215, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 215, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 215, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 215, 93);  
box-shadow:4px 4px 4px 4px rgb(0, 215, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 136.8070, -21.5969, -119.9797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 215, 93) }
```

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

```
.background{ background-color: rgb(0, 215,  
93) }
```

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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