

# Converting Colors

YUV(136.2200, -21.3075,  
-119.4649)

Have a look what the booklet for  
YUV(136.2200, -21.3075, -119.4649)  
contains.

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# Color

**YUV(136.2200, -21.3075,  
-119.4649)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D65D
RGB	0, 214, 93
RGB Percent	0%, 84%, 36%
CMY	1.0000, 0.1608, 0.6353
CMYK	1.00, 0.00, 0.57, 0.16
HSL	146°, 100%, 42%
HSV	146°, 100%, 84%
XYZ	26.0224, 48.8834, 18.4199
YIQ	136.2200, -88.7030, -82.9990

# Conversions

## Conversions Part 2

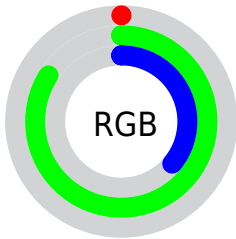
Format	Color
<a href="#">RYB</a>	<a href="#">0, 149, 214</a>
Decimal	<a href="#">54877</a>
CIELab	<a href="#">75.38, -69.21, 46.94</a>
CIELCh	<a href="#">75, 83.621, 145.854</a>
Yxy	<a href="#">48.8834, 0.2788, 0.5238</a>
Android (android.graphics.Color)	<a href="#">4278244957</a> ( <a href="#">0xFF00D65D</a> )
YUV	<a href="#">136.2200, -21.3075, -119.4649</a>
Hunter-Lab	<a href="#">69.9167, -55.9182, 33.3215</a>

# Details

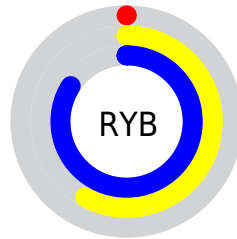
The YUV color **136.2200, -21.3075, -119.4649** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **77.7800, 21.3075, 119.4649**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

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 **136.2200, -21.3075, -119.4649**, and if you desaturate by 10%, it is **143.8670, -19.1614, -107.7544**.

# Distribution



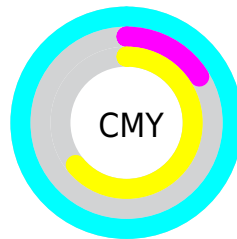
- Red (0%)
- Green (84%)
- Blue (36%)



- Red (0%)
- Yellow (58%)
- 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 136.2200, -21.3075, -119.4649 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 136.2200, -21.3075, -119.4649 by changing the saturation by 10% instead.



136.2200,  
-21.3075, -119.4649

136.2200,  
-21.3075, -119.4649

255.0000, 0.0000,  
0.0000

116.2330,  
-24.2719, -101.9363

197.7240,  
-25.4999, -81.3189

97.3060, -28.2519,  
-85.3374

210.7830,  
-18.1340, -63.8307

77.2220, -34.1264,  
-67.7237

223.5430,  
-10.6207, -46.9572

61.0480, -30.0967,  
-53.5391

236.0040, -2.9600,  
-30.6985

45.7860, -22.5725,  
-40.1543

248.1230, 3.3904,  
-14.1399

31.6980, -15.6271,  
-27.7991

15.8490, -7.8136,

-13.8996

■ 0.0000, 0.0000,  
0.0000

■ 136.2200,  
-21.3075, -119.4649

■ 143.8670,  
-19.1614, -107.7544

■ 151.8130,  
-17.1628, -95.4290

■ 159.4600,  
-15.0168, -83.7184

■ 167.4060,  
-13.0182, -71.3931

■ 175.1670,  
-10.4353, -59.7825

■ 182.8140, -8.2893,  
-48.0719

■ 190.7600, -6.2907,  
-35.7465

■ 198.4070, -4.1447,  
-24.0359

■ 206.3530, -2.1460,  
-11.7106

# Harmonies

## Analogous

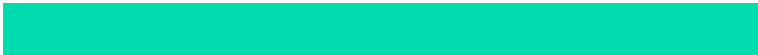
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164.9300, -81.3105, -6.9546



136.2200, -21.3075, -119.4649



148.7480, 11.4632, -130.4520

# Triad

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



136.2200, -21.3075, -119.4649



145.2960, 54.0841, -127.4246



156.5980, -16.5638, 86.2986

# Complementary

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



136.2200, -21.3075, -119.4649



77.7800, 21.3075, 119.4649

# 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.



160.6800, 19.3848, 82.7186



136.2200, -21.3075, -119.4649



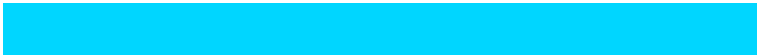
176.9990, 38.4545, -14.0311

# Square

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



136.2200, -21.3075, -119.4649



154.6880, 49.4538, -135.6614



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.



136.2200, -21.3075, -119.4649



155.4910, 34.7609, -136.3656



183.3860, 35.3057, 62.8055



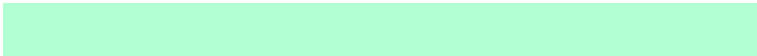
155.3390, -3.6181, 87.4027

# Sweetspot

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



136.2200, -21.3075, -119.4649



227.3740, -7.5794, -42.4240



161.7970, -79.7659, -35.7790



111.2820, -4.5760, -25.6803



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.



136.2200, -21.3075, -119.4649



162.3390, -25.3101, -142.3713



148.4180, 25.4299, -130.1626



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.



77.7800, 21.3075, 119.4649



92.6610, 25.3101, 142.3713



65.5820, -25.4299, 130.1626



99.9730, 0.9993, 6.1627



62.1870, 17.1628, 95.4290

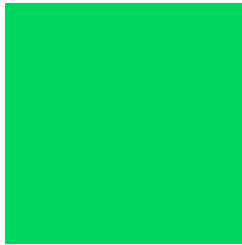


15.7070, 4.5814, 23.9360



# Previews

## White Background



This preview shows how the YUV color 136.2200, -21.3075, -119.4649 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

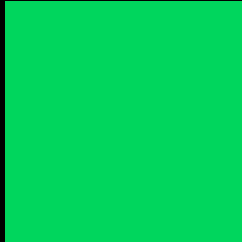
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 136.2200, -21.3075, -119.4649 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 136.2200, -21.3075, -119.4649 Background



This preview shows how black text looks on a background with the YUV color 136.2200, -21.3075, -119.4649.



This preview shows how white text looks on a background with the YUV color 136.2200, -21.3075, -119.4649.

-119.4649.

# 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

136.2200, -21.3075, -119.4649

### Protanopia

178.5800, -46.6279, 22.2933

### Deuteranopia

182.3290, -39.1092, 37.4225



## Tritanopia

167.8410, 24.2354, -73.5286

# Trichromacy



## Original Color

136.2200, -21.3075, -119.4649



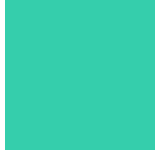
## Protanomaly

163.2530, -37.5927, -29.1629



## Deuteranomaly

165.5730, -32.8205, -19.7965



## Tritanomaly

156.3770, 7.7021, -90.6616

# Monochromacy



## Original Color

136.2200, -21.3075, -119.4649



## Achromatopsia

136.0000, 0.0000, 0.0000



## Achromatomaly

135.9610, -7.8688, -42.9388

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 136.2200, -21.3075, -119.4649 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, 214, 93)` looks like.

```
.text, #text, p{  
    color:rgb(0, 214, 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, 214, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 214, 93) }
```

## Border

The CSS property to change the border of an element to YUV 136.2200, -21.3075, -119.4649 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, 214, 93) }
```



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

```
.border{ border-color:rgb(0, 214, 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, 214, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 214, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 214, 93);  
box-shadow:4px 4px 4px 4px rgb(0, 214, 93)  
}
```

# Background

The CSS property to change the background color of an element to YUV 136.2200, -21.3075, -119.4649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 214, 93) }
```

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

```
.background{ background-color: rgb(0, 214,  
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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