

Converting Colors

YUV(131.4320, -39.6530,
-115.2659)

Have a look what the booklet for
YUV(131.4320, -39.6530, -115.2659)
contains.

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Color

**YUV(131.4320, -39.6530,
-115.2659)**

Conversions

Conversions Part 1

Format	Color
Hex	00D633
RGB	0, 214, 51
RGB Percent	0%, 84%, 20%
CMY	1.0000, 0.1608, 0.8000
CMYK	1.00, 0.00, 0.76, 0.16
HSL	134°, 100%, 42%
HSV	134°, 100%, 84%
XYZ	24.6441, 48.3322, 11.1621
YIQ	131.4320, -75.2210, -96.0610

Conversions

Conversions Part 2

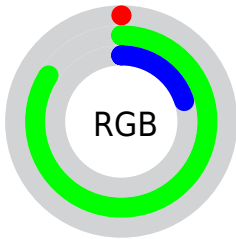
Format	Color
RYB	0, 173, 214
Decimal	54835
CIELab	75.03, -73.56, 63.35
CIELCh	75, 97.077, 139.263
Yxy	48.3322, 0.2929, 0.5744
Android (android.graphics.Color)	4278244915 (0xFF00D633)
YUV	131.4320, -39.6530, -115.2659
Hunter-Lab	69.5213, -58.3872, 39.1455

Details

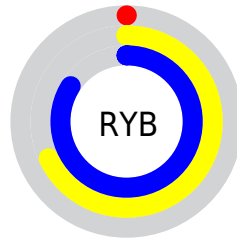
The YUV color **131.4320, -39.6530, -115.2659** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **82.5680, 39.6530, 115.2659**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.1040, -41.9563, -76.3902**, and **92.1590, -45.4344, -80.8234** is the 20% darker color. If you saturate the color by 10%, you get **131.4320, -39.6530, -115.2659**, and if you desaturate by 10%, it is **139.5350, -35.7598, -103.9552**.

Distribution



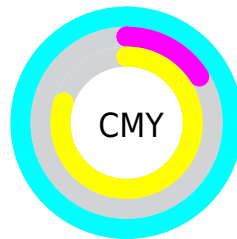
- Red (0%)
- Green (84%)
- Blue (20%)



- Red (0%)
- Yellow (68%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.4320, -39.6530, -115.2659 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 131.4320, -39.6530, -115.2659 by changing the saturation by 10% instead.

■ 131.4320,
-39.6530, -115.2659

■ 131.4320,
-39.6530, -115.2659

255.0000, 0.0000,
0.0000

■ 109.8490,
-48.7326, -96.3376

■ 194.1040,
-41.9563, -76.3902

■ 92.1590, -45.4344,
-80.8234

■ 207.0490,
-35.0272, -58.8020

■ 76.3100, -37.6208,
-66.9239

■ 219.9230,
-27.0770, -42.0285

■ 60.4610, -29.8073,
-53.0243

■ 232.6830,
-19.5637, -25.1550

■ 45.1990, -22.2831,
-39.6395

■ 245.2580,
-11.4662, -8.9963

■ 31.1110, -15.3377,
-27.2843

254.6580, -1.3104,

■ 15.2620, -7.5242,

0.2999

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 131.4320,
-39.6530, -115.2659

■ 139.5350,
-35.7598, -103.9552

■ 148.0510,
-31.5771, -92.1297

■ 156.1540,
-27.6839, -80.8191

■ 164.5560,
-23.9381, -68.8936

■ 172.6590,
-20.0449, -57.5829

■ 180.8760,
-15.7149, -46.3723

■ 189.2780,
-11.9691, -34.4468

■ 197.3810, -8.0758,
-23.1361

■ 205.8970, -3.8932,
-11.3107

Harmonies

Analogous

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



166.4580, -82.0638, 1.3523



131.4320, -39.6530, -115.2659



147.1860, 0.4013, -129.0821

Triad

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



131.4320, -39.6530, -115.2659



149.4050, 52.0583, -131.0282



138.8400, -3.3721, 101.8723

Complementary

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



131.4320, -39.6530, -115.2659



82.5680, 39.6530, 115.2659

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.



148.9860, 35.5029, 92.9743



131.4320, -39.6530, -115.2659



158.1070, 47.7682, -61.4838

Square

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



131.4320, -39.6530, -115.2659



158.2100, 47.7175, -138.7502



181.6250, 36.1739, 64.3499



155.8100, -55.1223, 86.9896

Rectangle

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



131.4320, -39.6530, -115.2659



155.5420, 27.3408, -136.4103



181.6250, 36.1739, 64.3499



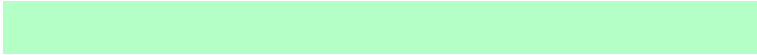
136.8630, 11.8995, 103.6061

Sweetspot

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



131.4320, -39.6530, -115.2659



225.6640, -14.1314, -40.9243



174.6540, -86.1044, -9.3436



110.2560, -8.5072, -24.7805



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.



131.4320, -39.6530, -115.2659



156.6390, -47.1500, -137.3724



143.5160, 6.6476, -125.8635



102.7990, -1.8729, -5.9627



105.0510, -31.5771, -92.1297



26.3810, -8.0758, -23.1361

Inverse Universe

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



82.5680, 39.6530, 115.2659



98.3610, 47.1500, 137.3724



70.4840, -6.6476, 125.8635



100.3150, 2.3097, 5.8627



65.9490, 31.5771, 92.1297



16.6190, 8.0758, 23.1361

Previews

White Background



This preview shows how the YUV color 131.4320, -39.6530, -115.2659 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 131.4320, -39.6530, -115.2659 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 131.4320, -39.6530, -115.2659 Background



This preview shows how black text looks on a background with the YUV color 131.4320, -39.6530, -115.2659.



This preview shows how white text looks on a background with the YUV color 131.4320, -39.6530, -115.2659.

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

174.5040, -64.8315, 27.6220

Deuteranopia

178.0620, -54.2606, 43.7956

Tritanopia

167.7490, 23.7877, -69.9399

Trichromacy



Protanomaly

158.8780, -55.6489, -24.4490

Deuteranomaly

161.3660, -48.9874, -14.3530

Tritanomaly

154.2760, 0.8499, -86.1881

Monochromacy



Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.9520, -14.2733, -42.0539

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.4320, -39.6530, -115.2659 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(0, 214, 51)  
}
```

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, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 214, 51) }
```

Border

The CSS property to change the border of an element to YUV 131.4320, -39.6530, -115.2659 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, 51) }
```

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

```
.border{ border-color:rgb(0, 214, 51) }
```

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, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 214, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 214, 51);  
box-shadow:4px 4px 4px 4px rgb(0, 214, 51)  
}
```


Background

The CSS property to change the background color of an element to YUV 131.4320, -39.6530, -115.2659 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, 51) }
```

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

```
.background{ background-color: rgb(0, 214,  
51) }
```

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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