

Converting Colors

YUV(121.5330, -29.3498,
-106.5844)

Have a look what the booklet for
YUV(121.5330, -29.3498, -106.5844)
contains.

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Color

**YUV(121.5330, -29.3498,
-106.5844)**

Conversions

Conversions Part 1

Format	Color
Hex	00C33E
RGB	0, 195, 62
RGB Percent	0%, 76%, 24%
CMY	1.0000, 0.2353, 0.7569
CMYK	1.00, 0.00, 0.68, 0.24
HSL	139°, 100%, 38%
HSV	139°, 100%, 76%
XYZ	20.3846, 39.3780, 11.0838
YIQ	121.5330, -73.5270, -82.7030

Conversions

Conversions Part 2

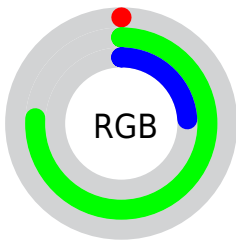
Format	Color
RYB	0, 148, 195
Decimal	49982
CIELab	69.02, -67.19, 53.21
CIELCh	69, 85.711, 141.625
Yxy	39.3780, 0.2877, 0.5558
Android (android.graphics.Color)	4278240062 (0xFF00C33E)
YUV	121.5330, -29.3498, -106.5844
Hunter-Lab	62.7519, -51.8311, 33.4540

Details

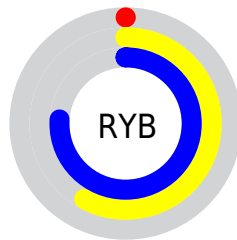
The YUV color **121.5330, -29.3498, -106.5844** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **73.4670, 29.3498, 106.5844**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.9340, -37.4355, -79.7491**, and **82.1800, -40.5147, -72.0719** is the 20% darker color. If you saturate the color by 10%, you get **121.5330, -29.3498, -106.5844**, and if you desaturate by 10%, it is **128.6960, -26.4721, -96.2034**.

Distribution



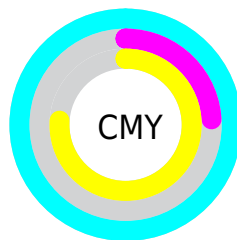
- Red (0%)
- Green (76%)
- Blue (24%)



- Red (0%)
- Yellow (58%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.5330, -29.3498, -106.5844 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 121.5330, -29.3498, -106.5844 by changing the saturation by 10% instead.

■ 121.5330,
-29.3498, -106.5844

■ 121.5330,
-29.3498, -106.5844

■ 255.0000, 0.0000,
0.0000

■ 101.7910,
-33.9140, -89.2707

■ 191.9340,
-37.4355, -79.7491

■ 82.1800, -40.5147,
-72.0719

■ 205.7540,
-30.9377, -63.8053

■ 66.3310, -32.7012,
-58.1723

■ 218.2150,
-23.2770, -47.5466

■ 51.0690, -25.1770,
-44.7875

■ 230.6760,
-15.6163, -31.2879

■ 36.3940, -17.9422,
-31.9175

■ 243.1370, -7.9555,
-15.0291

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,

■ 121.5330,
-29.3498, -106.5844

■ 128.6960,
-26.4721, -96.2034

■ 136.2720,
-23.3051, -85.3075

■ 143.7340,
-20.5749, -74.3117

■ 150.8970,
-17.6972, -63.9307

■ 158.4730,
-14.5302, -53.0348

■ 165.6360,
-11.6525, -42.6538

■ 172.7990, -8.7749,
-32.2727

■ 180.2610, -6.0447,
-21.2769

■ 187.8370, -2.8776,
-10.3810

Harmonies

Analogous

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



150.7980, -74.3434, -1.5768



121.5330, -29.3498, -106.5844



134.8760, 4.0051, -118.2863

Triad

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



121.5330, -29.3498, -106.5844



137.0780, 58.1355, -120.2174



139.9510, -11.8078, 100.8980

Complementary

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



121.5330, -29.3498, -106.5844



73.4670, 29.3498, 106.5844

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.



146.4950, 23.4200, 95.1589



121.5330, -29.3498, -106.5844



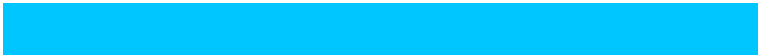
154.7170, 49.4395, -37.4628

Square

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



121.5330, -29.3498, -106.5844



145.2960, 54.0841, -127.4246



169.7970, 42.0051, 60.6910



153.2340, -54.8384, 89.2488

Rectangle

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



121.5330, -29.3498, -106.5844



141.7330, 27.7396, -124.2998



169.7970, 42.0051, 60.6910



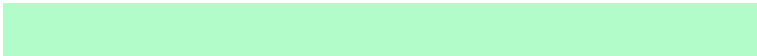
138.8060, 1.5746, 101.9021

Sweetspot

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



121.5330, -29.3498, -106.5844



223.7610, -11.2212, -41.0094



154.2320, -76.0364, -18.6205



110.5980, -7.1968, -25.0804



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.



121.5330, -29.3498, -106.5844



157.0440, -37.9827, -137.7276



132.5910, 13.0196, -116.2823



93.2120, -1.5835, -5.4479



100.3210, -24.3153, -87.9815



20.6250, -4.7451, -18.0881

Inverse Universe

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



73.4670, 29.3498, 106.5844



94.9560, 37.9827, 137.7276



62.4090, -13.0196, 116.2823



90.7880, 1.5835, 5.4479



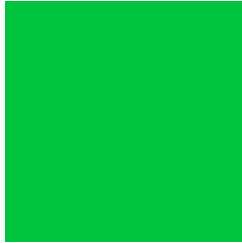
60.6790, 24.3153, 87.9815



12.4890, 5.1819, 17.9881

Previews

White Background



This preview shows how the YUV color 121.5330, -29.3498, -106.5844 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 121.5330, -29.3498, -106.5844 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 121.5330, -29.3498, -106.5844 Background



This preview shows how black text looks on a background with the YUV color 121.5330, -29.3498, -106.5844.



This preview shows how white text looks on a background with the YUV color 121.5330, -29.3498, -106.5844.

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

121.5330, -29.3498, -106.5844

Protanopia

160.2120, -51.8695, 23.4931

Deuteranopia

163.6620, -44.2034, 38.0074



Tritanopia

152.9130, 21.7349, -64.8217

Trichromacy



Original Color

121.5330, -29.3498, -106.5844



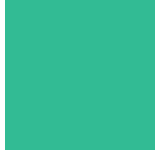
Protanomaly

146.0920, -43.4294, -23.7597



Deuteranomaly

148.4120, -38.6571, -14.3933



Tritanomaly

141.5910, 3.1596, -80.3253

Monochromacy



Original Color

121.5330, -29.3498, -106.5844



Achromatopsia

122.0000, 0.0000, 0.0000



Achromatomaly

122.1850, -10.9372, -38.7502

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.5330, -29.3498, -106.5844 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, 195, 62)` looks like.

```
.text, #text, p{  
    color:rgb(0, 195, 62)  
}
```

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, 195, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 195, 62) }
```

Border

The CSS property to change the border of an element to YUV 121.5330, -29.3498, -106.5844 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, 195, 62) }
```


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

```
.border{ border-color:rgb(0, 195, 62) }
```

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

Here you see how a box with a 4 pixel rgb(0, 195, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 195, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 195, 62);  
box-shadow:4px 4px 4px 4px rgb(0, 195, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 121.5330, -29.3498, -106.5844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 195, 62) }
```

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

```
.background{ background-color: rgb(0, 195,  
62) }
```

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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