

Converting Colors

YUV(117.0530, -41.4381,
-102.6555)

Have a look what the booklet for
YUV(117.0530, -41.4381, -102.6555)
contains.

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Color

**YUV(117.0530, -41.4381,
-102.6555)**

Conversions

Conversions Part 1

Format	Color
Hex	00C121
RGB	0, 193, 33
RGB Percent	0%, 76%, 13%
CMY	1.0000, 0.2431, 0.8706
CMYK	1.00, 0.00, 0.83, 0.24
HSL	130°, 100%, 38%
HSV	130°, 100%, 76%
XYZ	19.3445, 38.2497, 7.8022
YIQ	117.0530, -63.6680, -90.6760

Conversions

Conversions Part 2

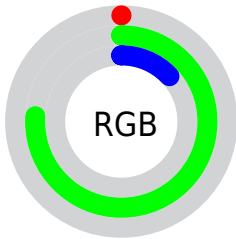
Format	Color
RYB	0, 165, 193
Decimal	49441
CIELab	68.20, -68.84, 62.11
CIELCh	68, 92.717, 137.942
Yxy	38.2497, 0.2958, 0.5849
Android (android.graphics.Color)	4278239521 (0xFF00C121)
YUV	117.0530, -41.4381, -102.6555
Hunter-Lab	61.8464, -52.3994, 35.8127

Details

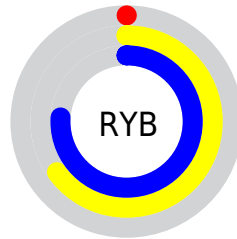
The YUV color **117.0530, -41.4381, -102.6555** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **75.9470, 41.4381, 102.6555**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.1380, -46.9030, -76.4200**, and **81.0060, -39.9360, -71.0423** is the 20% darker color. If you saturate the color by 10%, you get **117.0530, -41.4381, -102.6555**, and if you desaturate by 10%, it is **124.5580, -37.2501, -92.5744**.

Distribution



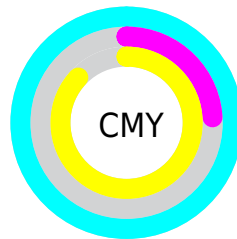
- Red (0%)
- Green (76%)
- Blue (13%)



- Red (0%)
- Yellow (65%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (83%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.0530, -41.4381, -102.6555 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 117.0530, -41.4381, -102.6555 by changing the saturation by 10% instead.

■ 117.0530,
-41.4381, -102.6555

■ 117.0530,
-41.4381, -102.6555

■ 255.0000, 0.0000,
0.0000

■ 96.8550, -47.7495,
-84.9418

■ 188.1380,
-46.9030, -76.4200

■ 81.0060, -39.9360,
-71.0423

■ 203.5450,
-40.6947, -60.9910

■ 65.1570, -32.1224,
-57.1427

■ 215.8920,
-33.4708, -44.6323

■ 49.8950, -24.5982,
-43.7579

■ 228.4670,
-25.3732, -28.4736

■ 35.2200, -17.3635,
-30.8879

■ 240.9280,
-17.7125, -12.2149

■ 20.5450, -10.1287,
-18.0180

■ 252.7200, -8.7360,

■ 0.0000, 0.0000,

1.9996

0.0000

■ 117.0530,
-41.4381, -102.6555

■ 124.5580,
-37.2501, -92.5744

■ 132.3620,
-33.2095, -81.8785

■ 139.8670,
-29.0214, -71.7974

■ 147.3720,
-24.8334, -61.7162

■ 155.1760,
-20.7928, -51.0204

■ 162.6810,
-16.6047, -40.9392

■ 170.1860,
-12.4167, -30.8581

■ 177.6910, -8.2287,
-20.7770

■ 185.4950, -4.1880,
-10.0811

Harmonies

Analogous

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



150.2330, -74.0649, 2.4267



117.0530, -41.4381, -102.6555



131.9920, -1.9681, -115.7570

Triad

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



117.0530, -41.4381, -102.6555



138.2520, 57.5568, -121.2470



126.9060, -3.4047, 112.3384

Complementary

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



117.0530, -41.4381, -102.6555



75.9470, 41.4381, 102.6555

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.



138.2430, 32.4182, 102.3959



117.0530, -41.4381, -102.6555



136.4560, 58.4422, -78.4529

Square

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



117.0530, -41.4381, -102.6555



145.8830, 53.7947, -127.9394



165.9320, 43.9105, 56.1876



144.4460, -52.9709, 96.9559

Rectangle

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



117.0530, -41.4381, -102.6555



139.8920, 23.2242, -122.6853



165.9320, 43.9105, 56.1876



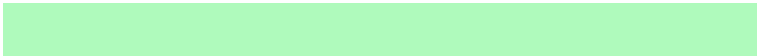
125.4020, 11.1408, 113.6574

Sweetspot

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



117.0530, -41.4381, -102.6555



220.5070, -16.0260, -39.9096



161.4300, -79.5850, -0.3771



107.3270, -9.5282, -23.9658



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



117.0530, -41.4381, -102.6555



151.6520, -53.5654, -132.9988



127.9970, 0.4945, -112.2534



93.0980, -2.0203, -5.3479



97.5850, -34.7984, -85.5820



20.0550, -6.9291, -17.5882

Inverse Universe

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



75.9470, 41.4381, 102.6555



98.3480, 53.5654, 132.9988



65.0030, -0.4945, 112.2534



90.9020, 2.0203, 5.3479



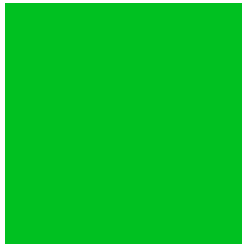
63.3010, 34.3616, 85.6820



12.9450, 6.9291, 17.5882

Previews

White Background



This preview shows how the YUV color 117.0530, -41.4381, -102.6555 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 117.0530, -41.4381, -102.6555 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 117.0530, -41.4381, -102.6555 Background



This preview shows how black text looks on a background with the YUV color 117.0530, -41.4381, -102.6555.



This preview shows how white text looks on a background with the YUV color 117.0530, -41.4381, -102.6555.

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

155.3190, -64.2473, 26.9072

Deuteranopia

159.9800, -53.2341, 41.2365

Tritanopia

151.6960, 20.8559, -62.8774

Trichromacy



Protanomaly

141.1990, -55.8071, -20.3455

Deuteranomaly

144.3880, -48.9983, -10.8643

Tritanomaly

139.2340, -2.0874, -77.3812

Monochromacy



Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0450, -15.3052, -37.7505

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.0530, -41.4381, -102.6555 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, 193, 33)` looks like.

```
.text, #text, p{  
    color:rgb(0, 193, 33)  
}
```

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, 193, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 193, 33) }
```

Border

The CSS property to change the border of an element to YUV 117.0530, -41.4381, -102.6555 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, 193, 33) }
```

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

```
.border{ border-color:rgb(0, 193, 33) }
```

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

Here you see how a box with a 4 pixel rgb(0, 193, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 193, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 193, 33);  
box-shadow:4px 4px 4px 4px rgb(0, 193, 33)  
}
```


Background

The CSS property to change the background color of an element to YUV 117.0530, -41.4381, -102.6555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 193, 33) }
```

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

```
.background{ background-color: rgb(0, 193,  
33) }
```

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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