

Converting Colors

YUV(169.4300, -26.3410,
-91.5851)

Have a look what the booklet for
YUV(169.4300, -26.3410, -91.5851)
contains.

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Color

**YUV(169.4300, -26.3410,
-91.5851)**

Conversions

Conversions Part 1

Format	Color
Hex	41E974
RGB	65, 233, 116
RGB Percent	25%, 91%, 45%
CMY	0.7451, 0.0863, 0.5451
CMYK	0.72, 0.00, 0.50, 0.09
HSL	138°, 79%, 58%
HSV	138°, 72%, 91%
XYZ	34.4713, 60.6626, 26.4152
YIQ	169.4300, -62.5710, -72.0030

Conversions

Conversions Part 2

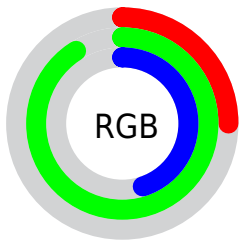
Format	Color
RYB	65, 194, 233
Decimal	4319604
CIELab	82.20, -66.69, 44.57
CIElCh	82, 80.215, 146.247
Yxy	60.6626, 0.2836, 0.4991
Android (android.graphics.Color)	4282509684 (0xFF41E974)
YUV	169.4300, -26.3410, -91.5851
Hunter-Lab	77.8862, -57.2994, 34.4120

Details

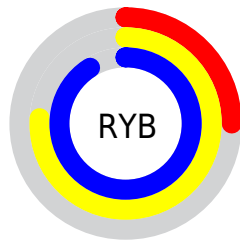
The YUV color **169.4300, -26.3410, -91.5851** is a dark color, and the websafe version is hex **00CC66**. The color can be described as middle muted spring green. A complement of this color would be **128.5700, 26.3410, 91.5851**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.1310, -19.2916, -65.8899**, and **110.6080, -22.9777, -97.0032** is the 20% darker color. If you saturate the color by 10%, you get **160.7290, -29.9394, -104.1253**, and if you desaturate by 10%, it is **178.1310, -22.7426, -79.0449**.

Distribution



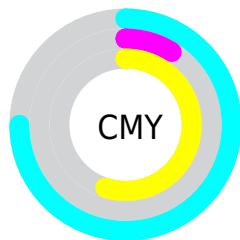
- Red (25%)
- Green (91%)
- Blue (45%)



- Red (25%)
- Yellow (76%)
- Blue (91%)



- Cyan (72%)
- Magenta (0%)
- Yellow (50%)
- Black (9%)



- Cyan (75%)
- Magenta (9%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.4300, -26.3410, -91.5851 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 169.4300, -26.3410, -91.5851 by changing the saturation by 10% instead.

■ 169.4300,
-26.3410, -91.5851

■ 169.4300,
-26.3410, -91.5851

■ 255.0000, 0.0000,
0.0000

■ 130.0080,
-19.7239, -114.0170

■ 209.1310,
-19.2916, -65.8899

■ 110.6080,
-22.9777, -97.0032

■ 221.5920,
-11.6309, -49.6312

■ 91.2080, -26.2315,
-79.9894

■ 234.0530, -3.9701,
-33.3725

■ 71.7110, -32.3955,
-62.8905

■ 246.6280, 4.1274,
-17.2138

■ 55.7650, -27.4921,
-48.9059

■ 40.5030, -19.9680,
-35.5211

■ 27.0020, -13.3120,

-23.6808

■ 8.2180, -4.0515,
-7.2072

■ 0.0000, 0.0000,
0.0000

■ 169.4300,
-26.3410, -91.5851

■ 169.4300,
-26.3410, -91.5851

■ 160.7290,
-29.9394, -104.1253

■ 178.1310,
-22.7426, -79.0449

■ 151.7290,
-33.3904, -117.2803


■ 187.1310,
-19.2916, -65.8899


■ 144.8650,
-36.4154, -127.0466

■ 195.9460,
-15.2564, -53.4496

■ 204.6470,
-11.6580, -40.9094

 213.3480, -8.0596,
-28.3692

 222.3480, -4.6086,
-15.2142

 231.1630, -0.5734,
-2.7740

 239.8640, 3.0250,
9.7663

 242.0860, 6.3666,
11.3256

Harmonies

Analogous

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



187.8770, -67.4804, -9.5391



169.4300, -26.3410, -91.5851



162.1810, 14.7008, -142.2327

Triad

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



169.4300, -26.3410, -91.5851



155.8620, 48.8750, -136.6910



174.0260, -15.7888, 71.0142

Complementary

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



169.4300, -26.3410, -91.5851



128.5700, 26.3410, 91.5851

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.



177.8800, 19.2862, 67.6342



169.4300, -26.3410, -91.5851



195.6270, 29.2709, -8.4429

Square

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



169.4300, -26.3410, -91.5851



165.8410, 43.9554, -145.4426



196.3000, 28.9391, 51.4799



183.6390, -52.5730, 62.5836

Rectangle

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



169.4300, -26.3410, -91.5851



168.6960, 37.1249, -147.9464



196.3000, 28.9391, 51.4799



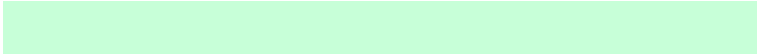
173.3540, -3.1325, 71.6035

Sweetspot

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



169.4300, -26.3410, -91.5851



233.8100, -8.7803, -30.5284



198.8980, -66.0117, -13.9425



115.0980, -5.4713, -18.5029



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.



169.4300, -26.3410, -91.5851



170.9520, -34.9793, -120.9839



178.8920, 9.9132, -99.8833



112.7990, -1.8729, -5.9627



112.5170, -28.3559, -98.6774



33.5220, -8.6383, -29.3988

Inverse Universe

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



128.5700, 26.3410, 91.5851



117.0480, 34.9793, 120.9839



119.1080, -9.9132, 99.8833



110.2010, 1.8729, 5.9627



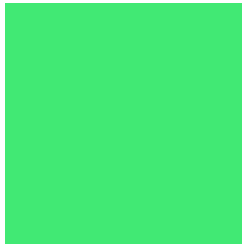
68.4830, 28.3559, 98.6774



20.3640, 8.2015, 29.4988

Previews

White Background



This preview shows how the YUV color 169.4300, -26.3410, -91.5851 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 169.4300, -26.3410, -91.5851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

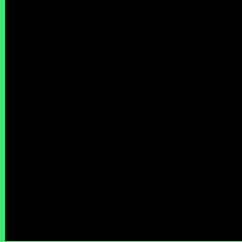
Any Text WCAG AA ✓ Pass

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 169.4300, -26.3410, -91.5851 Background



This preview shows how black text looks on a background with the YUV color 169.4300, -26.3410, -91.5851.



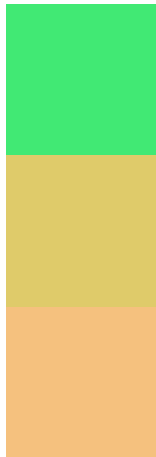
This preview shows how white text looks on a background with the YUV color 169.4300, -26.3410, -91.5851.

-91.5851.

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

169.4300, -26.3410, -91.5851

Protanopia

197.9220, -45.3175, 21.9934

Deuteranopia

200.9100, -36.9306, 38.6669



Tritanopia

188.1510, 24.0826, -71.1694

Trichromacy



Original Color

169.4300, -26.3410, -91.5851



Protanomaly

187.7920, -38.3515, -19.1116



Deuteranomaly

189.8240, -33.4372, -8.6156



Tritanomaly

181.5850, 5.6276, -78.5660

Monochromacy



Original Color

169.4300, -26.3410, -91.5851



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.9730, -9.3537, -33.3023

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.4300, -26.3410, -91.5851 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(65, 233, 116)` looks like.

```
.text, #text, p{  
    color:rgb(65, 233, 116)  
}
```

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(65, 233, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 233, 116) }
```

Border

The CSS property to change the border of an element to YUV 169.4300, -26.3410, -91.5851 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(65, 233, 116) }
```


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

```
.border{ border-color:rgb(65, 233, 116) }
```

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

Here you see how a box with a 4 pixel rgb(65, 233, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 233, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 233, 116);  
box-shadow:4px 4px 4px 4px rgb(65, 233,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 169.4300, -26.3410, -91.5851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 233, 116) }
```

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

```
.background{ background-color: rgb(65, 233,  
116) }
```

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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