

Converting Colors

YUV(166.2540, -29.7052,
-132.6498)

Have a look what the booklet for
YUV(166.2540, -29.7052, -132.6498)
contains.

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Color

**YUV(166.2540, -29.7052,
-132.6498)**

Conversions

Conversions Part 1

Format	Color
Hex	0FFF6A
RGB	15, 255, 106
RGB Percent	6%, 100%, 42%
CMY	0.9412, 0.0000, 0.5843
CMYK	0.94, 0.00, 0.58, 0.00
HSL	143°, 100%, 53%
HSV	143°, 94%, 100%
XYZ	38.5585, 72.6622, 25.6286
YIQ	166.2540, -95.2110, -97.2190

Conversions

Conversions Part 2

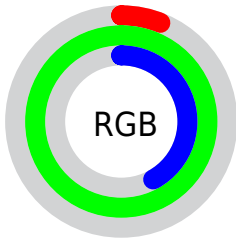
Format	Color
R_{YB}	15, 189, 255
Decimal	1048426
CIE _{Lab}	88.29, -79.37, 56.32
CIE _{LCh}	88, 97.322, 144.643
Yxy	72.6622, 0.2818, 0.5310
Android (android.graphics.Color)	4279238506 (0xFF0FFF6A)
YUV	166.2540, -29.7052, -132.6498
Hunter-Lab	85.2421, -68.4308, 41.8435

Details

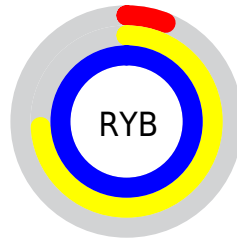
The YUV color **166.2540, -29.7052, -132.6498** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **103.7460, 29.7052, 132.6498**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.6200, -21.0117, -74.2117**, and **120.8660, -34.4439, -105.9995** is the 20% darker color. If you saturate the color by 10%, you get **160.7430, -31.4253, -140.9716**, and if you desaturate by 10%, it is **175.8520, -26.5490, -118.2652**.

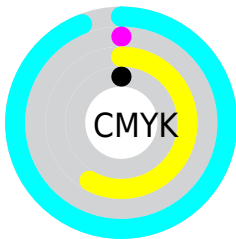
Distribution



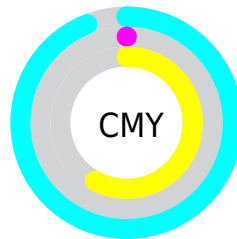
- Red (6%)
- Green (100%)
- Blue (42%)



- Red (6%)
- Yellow (74%)
- Blue (100%)



- Cyan (94%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (94%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2540, -29.7052, -132.6498 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 166.2540, -29.7052, -132.6498 by changing the saturation by 10% instead.

■ 166.2540,
-29.7052, -132.6498

■ 166.2540,
-29.7052, -132.6498

■ 255.0000, 0.0000,
0.0000

■ 141.0810,
-30.6059, -123.7280

■ 203.6200,
-21.0117, -74.2117

■ 120.8660,
-34.4439, -105.9995

■ 216.9780,
-13.7932, -56.1087

■ 100.5540,
-41.1921, -88.1859

■ 230.1510, -5.9904,
-38.7204

■ 82.1800, -40.5147,
-72.0719

■ 243.3240, 1.8123,
-21.3321

■ 66.3310, -32.7012,
-58.1723

■ 253.8040, 0.5896,
-2.4591

■ 50.4820, -24.8876,
-44.2727

■ 36.3940, -17.9422,

-31.9175

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 166.2540,
-29.7052, -132.6498

■ 166.2540,
-29.7052, -132.6498

■ 160.7430,
-31.4253, -140.9716

■ 175.8520,
-26.5490, -118.2652

■ 185.1510,
-23.2454, -104.4954

■ 194.6350,
-20.5261, -90.0109

■ 203.9340,
-17.2225, -76.2411

■ 213.5320,
-14.0663, -61.8566

■ 222.8310,
-10.7627, -48.0868

■ 232.4290, -7.6065,
-33.7022

■ 241.7280, -4.3029,
-19.9325

■ 251.2120, -1.5835,
-5.4479

Harmonies

Analogous

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



197.1030, -97.1718, -6.2293



166.2540, -29.7052, -132.6498



172.5990, 14.0017, -151.3693

Triad

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



166.2540, -29.7052, -132.6498



168.7760, 42.5084, -148.0166



170.8290, -10.2687, 73.8180

Complementary

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



166.2540, -29.7052, -132.6498



103.7460, 29.7052, 132.6498

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.



176.0340, 32.5212, 69.2532



166.2540, -29.7052, -132.6498



203.5350, 25.3722, -18.0092

Square

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



166.2540, -29.7052, -132.6498



178.7550, 37.5888, -156.7681



198.6480, 27.7815, 49.4207



185.2060, -59.2616, 61.2093

Rectangle

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



166.2540, -29.7052, -132.6498



178.7550, 37.5888, -156.7681



198.6480, 27.7815, 49.4207



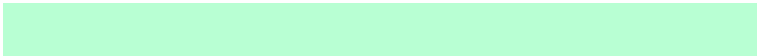
169.5530, 5.1504, 74.9370

Sweetspot

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



166.2540, -29.7052, -132.6498



228.7550, -8.7532, -39.2501



201.3280, -91.8597, -30.1057



111.7660, -5.3076, -24.3508



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.



166.2540, -29.7052, -132.6498



160.7430, -31.4253, -140.9716



179.5920, 21.4001, -144.3472



123.2010, -1.5781, -7.1923



120.4390, -23.3874, -105.6250



40.3040, -8.0379, -35.3466

Inverse Universe

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



103.7460, 29.7052, 132.6498



94.2570, 31.4253, 140.9716



90.4080, -21.4001, 144.3472



119.7990, 1.5781, 7.1923



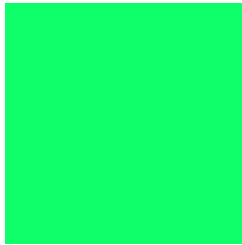
70.6750, 23.8242, 105.5250



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 166.2540, -29.7052, -132.6498 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 166.2540, -29.7052, -132.6498 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 166.2540, -29.7052, -132.6498 Background



This preview shows how black text looks on a background with the YUV color 166.2540, -29.7052, -132.6498.

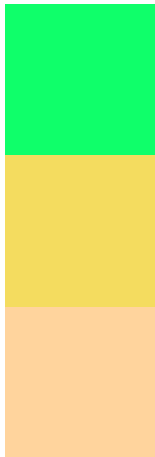


This preview shows how white text looks on a background with the YUV color 166.2540, -29.7052, -132.6498.

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

166.2540, -29.7052, -132.6498

Protanopia

212.9260, -58.1375, 27.2519

Deuteranopia

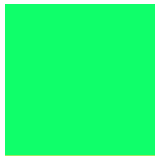
218.5870, -30.3624, 31.9342



Tritanopia

204.0690, 25.1090, -73.7285

Trichromacy



Original Color

166.2540, -29.7052, -132.6498



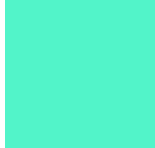
Protanomaly

196.1960, -47.9176, -30.8669



Deuteranomaly

199.8000, -30.4674, -27.8886



Tritanomaly

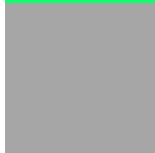
190.6600, 5.0976, -95.2948

Monochromacy



Original Color

166.2540, -29.7052, -132.6498



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

165.8310, -10.7627, -48.0868

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2540, -29.7052, -132.6498 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(15, 255, 106)` looks like.

```
.text, #text, p{  
    color:rgb(15, 255, 106)  
}
```

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(15, 255, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 255, 106) }
```

Border

The CSS property to change the border of an element to YUV 166.2540, -29.7052, -132.6498 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(15, 255, 106) }
```


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

```
.border{ border-color:rgb(15, 255, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 255, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 255, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 255, 106);  
box-shadow:4px 4px 4px 4px rgb(15, 255,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 166.2540, -29.7052, -132.6498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 255, 106) }
```

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

```
.background{ background-color: rgb(15, 255,  
106) }
```

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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