

Converting Colors

YUV(166.0260, -30.5788,
-132.4498)

Have a look what the booklet for
YUV(166.0260, -30.5788, -132.4498)
contains.

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Color

**YUV(166.0260, -30.5788,
-132.4498)**

Conversions

Conversions Part 1

Format	Color
Hex	0FFF68
RGB	15, 255, 104
RGB Percent	6%, 100%, 41%
CMY	0.9412, 0.0000, 0.5922
CMYK	0.94, 0.00, 0.59, 0.00
HSL	142°, 100%, 53%
HSV	142°, 94%, 100%
XYZ	38.4557, 72.6210, 25.0871
YIQ	166.0260, -94.5690, -97.8410

Conversions

Conversions Part 2

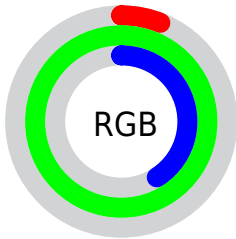
Format	Color
RYB	15, 190, 255
Decimal	1048424
CIELab	88.27, -79.62, 57.16
CIELCh	88, 98.010, 144.324
Yxy	72.6210, 0.2824, 0.5333
Android (android.graphics.Color)	4279238504 (0xFF0FFF68)
YUV	166.0260, -30.5788, -132.4498
Hunter-Lab	85.2180, -68.5811, 42.1983

Details

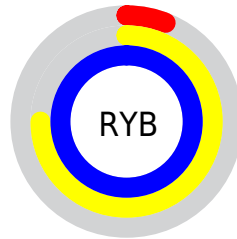
The YUV color **166.0260, -30.5788, -132.4498** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **103.9740, 30.5788, 132.4498**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.3920, -21.8853, -74.0118**, and **120.5240, -35.7543, -105.6995** is the 20% darker color. If you saturate the color by 10%, you get **160.5150, -32.2989, -140.7717**, and if you desaturate by 10%, it is **175.6240, -27.4226, -118.0652**.

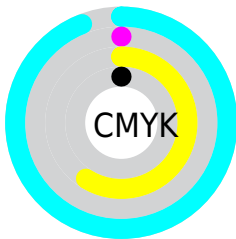
Distribution



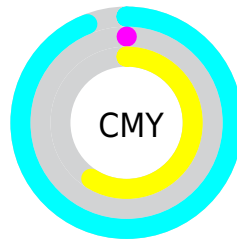
- Red (6%)
- Green (100%)
- Blue (41%)



- Red (6%)
- Yellow (75%)
- Blue (100%)



- Cyan (94%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)



- Cyan (94%)
- Magenta (0%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.0260, -30.5788, -132.4498 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 166.0260, -30.5788, -132.4498 by changing the saturation by 10% instead.

166.0260,
-30.5788, -132.4498

166.0260,
-30.5788, -132.4498

255.0000, 0.0000,
0.0000

140.8530,
-31.4795, -123.5281

203.3920,
-21.8853, -74.0118

120.5240,
-35.7543, -105.6995

216.7500,
-14.6668, -55.9088

99.9840, -43.3761,
-87.6860

230.2220, -7.0114,
-37.9057

82.1800, -40.5147,
-72.0719

243.0960, 0.9387,
-21.1322

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

■ 166.0260,
-30.5788, -132.4498

■ 166.0260,
-30.5788, -132.4498

■ 160.5150,
-32.2989, -140.7717

■ 175.6240,
-27.4226, -118.0652

■ 184.9230,
-24.1190, -104.2955

■ 194.5210,
-20.9629, -89.9109

■ 203.8200,
-17.6593, -76.1411

■ 213.4180,
-14.5031, -61.7566

■ 222.7170,
-11.1995, -47.9868

■ 232.3150, -8.0433,
-33.6023

■ 241.6140, -4.7397,
-19.8325

■ 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.



197.4020, -97.3192, -5.6146



166.0260, -30.5788, -132.4498



172.4850, 13.5649, -151.2693

Triad

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



166.0260, -30.5788, -132.4498



168.7760, 42.5084, -148.0166



170.3560, -9.5425, 74.2328

Complementary

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



166.0260, -30.5788, -132.4498



103.9740, 30.5788, 132.4498

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.



175.5610, 33.2474, 69.6680



166.0260, -30.5788, -132.4498



202.6380, 25.8145, -19.8535

Square

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



166.0260, -30.5788, -132.4498



178.7550, 37.5888, -156.7681



198.6480, 27.7815, 49.4207



184.5050, -59.4090, 61.8241

Rectangle

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



166.0260, -30.5788, -132.4498



178.7550, 37.5888, -156.7681



198.6480, 27.7815, 49.4207



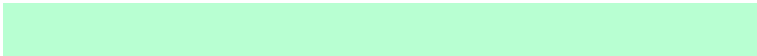
168.4930, 6.1660, 75.8666

Sweetspot

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



166.0260, -30.5788, -132.4498



228.6410, -9.1900, -39.1502



201.3280, -91.8597, -30.1057



111.6520, -5.7444, -24.2508



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.



166.0260, -30.5788, -132.4498



160.5150, -32.2989, -140.7717



179.5920, 21.4001, -144.3472



123.0870, -2.0149, -7.0923



120.2110, -24.2610, -105.4250



40.3040, -8.0379, -35.3466

Inverse Universe

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



103.9740, 30.5788, 132.4498



94.4850, 32.2989, 140.7717



90.4080, -21.4001, 144.3472



119.7990, 1.5781, 7.1923



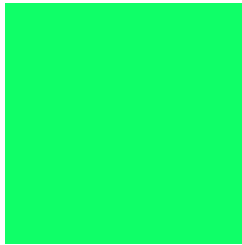
70.7890, 24.2610, 105.4250



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 166.0260, -30.5788, -132.4498 looks on a white background.

Color Contrast Check

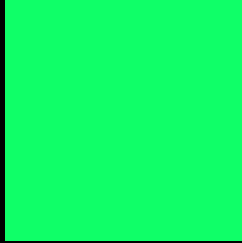
Large Text (above 18pt) WCAG AA × Fail

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 166.0260, -30.5788, -132.4498 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 166.0260, -30.5788, -132.4498 Background



This preview shows how black text looks on a background with the YUV color 166.0260, -30.5788, -132.4498.



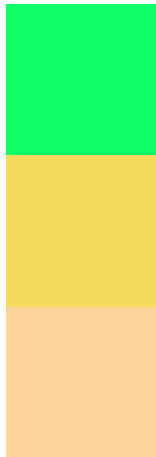
This preview shows how white text looks on a background with the YUV color 166.0260, -30.5788, -132.4498.

-132.4498.

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

166.0260, -30.5788, -132.4498

Protanopia

212.1110, -58.7217, 27.9667

Deuteranopia

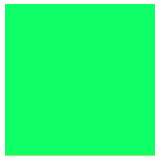
218.4730, -30.7992, 32.0342



Tritanopia

204.0690, 25.1090, -73.7285

Trichromacy



Original Color

166.0260, -30.5788, -132.4498



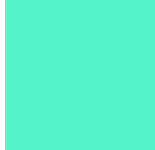
Protanomaly

195.3810, -48.5018, -30.1521



Deuteranomaly

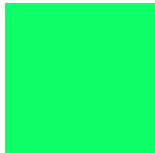
199.6860, -30.9042, -27.7886



Tritanomaly

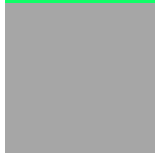
190.5460, 4.6608, -95.1948

Monochromacy



Original Color

166.0260, -30.5788, -132.4498



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

165.7170, -11.1995, -47.9868

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.0260, -30.5788, -132.4498 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, 104)` looks like.

```
.text, #text, p{  
    color:rgb(15, 255, 104)  
}
```

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, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 255, 104) }
```

Border

The CSS property to change the border of an element to YUV 166.0260, -30.5788, -132.4498 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, 104) }
```


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

```
.border{ border-color:rgb(15, 255, 104) }
```

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, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 255, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 255, 104);  
box-shadow:4px 4px 4px 4px rgb(15, 255,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 166.0260, -30.5788, -132.4498 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, 104) }
```

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

```
.background{ background-color: rgb(15, 255,  
104) }
```

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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