

Converting Colors

YUV(150.1140, -34.0732,
-131.6500)

Have a look what the booklet for
YUV(150.1140, -34.0732, -131.6500)
contains.

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Color

**YUV(150.1140, -34.0732,
-131.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	00F051
RGB	0, 240, 81
RGB Percent	0%, 94%, 32%
CMY	1.0000, 0.0588, 0.6824
CMYK	1.00, 0.00, 0.66, 0.06
HSL	140°, 100%, 47%
HSV	140°, 100%, 94%
XYZ	32.6453, 62.9143, 18.2077
YIQ	150.1140, -92.0010, -100.3290

Conversions

Conversions Part 2

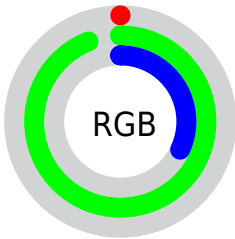
Format	Color
RYB	0, 179, 240
Decimal	61521
CIELab	83.40, -78.28, 61.19
CIELCh	83, 99.355, 141.986
Yxy	62.9143, 0.2869, 0.5530
Android (android.graphics.Color)	4278251601 (0xFF00F051)
YUV	150.1140, -34.0732, -131.6500
Hunter-Lab	79.3185, -65.3418, 41.9129

Details

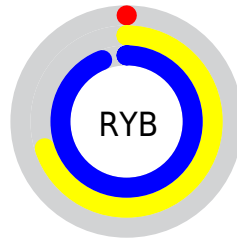
The YUV color **150.1140, -34.0732, -131.6500** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated green. A complement of this color would be **89.8860, 34.0732, 131.6500**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.0900, -30.6104, -75.5009**, and **108.5440, -46.1172, -95.1931** is the 20% darker color. If you saturate the color by 10%, you get **150.1140, -34.0732, -131.6500**, and if you desaturate by 10%, it is **159.1140, -30.6222, -118.4950**.

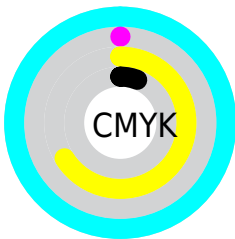
Distribution



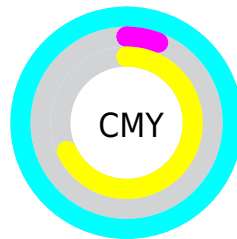
- Red (0%)
- Green (94%)
- Blue (32%)



- Red (0%)
- Yellow (70%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (66%)
- Black (6%)



- Cyan (100%)
- Magenta (6%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.1140, -34.0732, -131.6500 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 150.1140, -34.0732, -131.6500 by changing the saturation by 10% instead.

150.1140,
-34.0732, -131.6500

150.1140,
-34.0732, -131.6500

255.0000, 0.0000,
0.0000

129.7850,
-38.3480, -113.8214

199.0900,
-30.6104, -75.5009

108.5440,
-46.1172, -95.1931

212.7470,
-23.5393, -56.7831

90.3980, -44.5662,
-79.2790

225.5070,
-16.0260, -39.9096

74.5490, -36.7527,
-65.3795

238.6800, -8.2232,
-22.5214

58.7000, -28.9391,
-51.4799

251.5540, -0.2731,
-5.7479

43.4380, -21.4149,
-38.0951

28.7630, -14.1802,

-25.2252

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,
0.0000

■ 150.1140,
-34.0732, -131.6500

■ 159.1140,
-30.6222, -118.4950

■ 168.1140,
-27.1712, -105.3400

■ 177.1140,
-23.7202, -92.1850

■ 186.1140,
-20.2692, -79.0300

■ 195.0000,
-17.2550, -65.7750

■ 204.0000,
-13.8040, -52.6200

■ 213.0000,
-10.3530, -39.4650

■ 222.0000, -6.9020,
-26.3100

■ 231.0000, -3.4510,
-13.1550

Harmonies

Analogous

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



186.2050, -91.7991, -2.8108



150.1140, -34.0732, -131.6500



165.9820, 6.4179, -145.5662

Triad

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



150.1140, -34.0732, -131.6500



162.3190, 45.6917, -142.3538



157.2310, -6.5229, 85.7434

Complementary

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



150.1140, -34.0732, -131.6500



89.8860, 34.0732, 131.6500

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.



164.3110, 35.8357, 79.5343



150.1140, -34.0732, -131.6500



186.0040, 34.0150, -36.8375

Square

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



150.1140, -34.0732, -131.6500



172.2980, 40.7721, -151.1053



191.6040, 31.2542, 55.5983



172.2120, -58.2785, 72.6051

Rectangle

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



150.1140, -34.0732, -131.6500



174.5660, 34.2310, -153.0944



191.6040, 31.2542, 55.5983



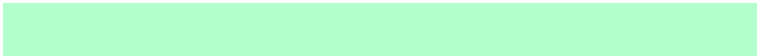
155.3680, 9.1856, 87.3773

Sweetspot

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



150.1140, -34.0732, -131.6500



226.4620, -11.0738, -41.6242



188.7200, -93.0390, -25.1874



110.7120, -6.7600, -25.1804



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.



150.1140, -34.0732, -131.6500



159.4890, -36.2301, -139.8719



163.6800, 17.9058, -143.5474



115.5000, -1.7255, -6.5775



115.0760, -26.1665, -100.9217



35.0380, -7.9067, -30.7283

Inverse Universe

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



89.8860, 34.0732, 131.6500



95.5110, 36.2301, 139.8719



76.3200, -17.9058, 143.5474



112.5000, 1.7255, 6.5775



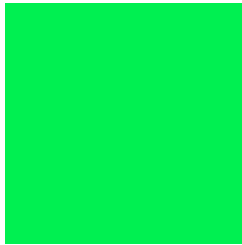
68.9240, 26.1665, 100.9217



20.9620, 7.9067, 30.7283

Previews

White Background



This preview shows how the YUV color 150.1140, -34.0732, -131.6500 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 150.1140, -34.0732, -131.6500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

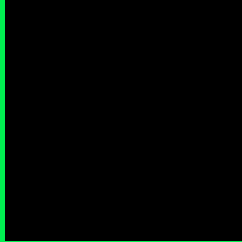
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

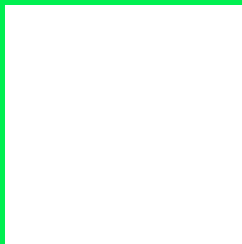
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 150.1140, -34.0732, -131.6500 Background



This preview shows how black text looks on a background with the YUV color 150.1140, -34.0732, -131.6500.



This preview shows how white text looks on a background with the YUV color 150.1140, -34.0732, -131.6500.

-131.6500.

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

197.9000, -62.0687, 28.1517

Deuteranopia

201.8280, -52.6662, 45.7548

Tritanopia

188.1930, 27.0199, -79.9763

Trichromacy



Protanomaly

180.1700, -51.8488, -29.9671

Deuteranomaly

183.1420, -45.9190, -18.5415

Tritanomaly

174.5240, 4.6717, -98.6835

Monochromacy



Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0760, -12.3625, -48.3017

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.1140, -34.0732, -131.6500 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, 240, 81)` looks like.

```
.text, #text, p{  
    color:rgb(0, 240, 81)  
}
```

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, 240, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 240, 81) }
```

Border

The CSS property to change the border of an element to YUV 150.1140, -34.0732, -131.6500 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, 240, 81) }
```

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

```
.border{ border-color:rgb(0, 240, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 240, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 240, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 240, 81);  
box-shadow:4px 4px 4px 4px rgb(0, 240, 81)  
}
```


Background

The CSS property to change the background color of an element to YUV 150.1140, -34.0732, -131.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 240, 81) }
```

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

```
.background{ background-color: rgb(0, 240,  
81) }
```

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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