

Converting Colors

YUV(164.0750, -31.5890,
-135.1238)

Have a look what the booklet for
YUV(164.0750, -31.5890, -135.1238)
contains.

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Color

**YUV(164.0750, -31.5890,
-135.1238)**

Conversions

Conversions Part 1

Format	Color
Hex	0AFF64
RGB	10, 255, 100
RGB Percent	4%, 100%, 39%
CMY	0.9608, 0.0000, 0.6078
CMYK	0.96, 0.00, 0.61, 0.00
HSL	142°, 100%, 52%
HSV	142°, 96%, 100%
XYZ	38.1854, 72.5046, 24.0388
YIQ	164.0750, -96.2650, -100.1450

Conversions

Conversions Part 2

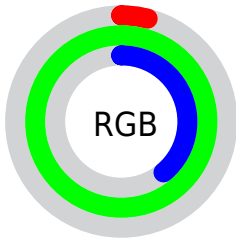
Format	Color
RYB	10, 189, 255
Decimal	720740
CIELab	88.21, -80.24, 58.80
CIELCh	88, 99.479, 143.769
Yxy	72.5046, 0.2834, 0.5382
Android (android.graphics.Color)	4278910820 (0xFF0AFF64)
YUV	164.0750, -31.5890, -135.1238
Hunter-Lab	85.1497, -68.9634, 42.8664

Details

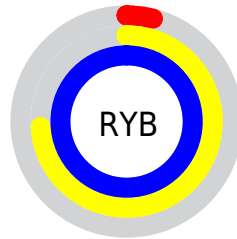
The YUV color **164.0750, -31.5890, -135.1238** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **100.9250, 31.5890, 135.1238**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.6370, -23.4850, -74.2266**, and **119.9540, -37.9383, -105.1997** is the 20% darker color. If you saturate the color by 10%, you get **160.4010, -32.7357, -140.6717**, and if you desaturate by 10%, it is **173.3740, -28.2854, -121.3540**.

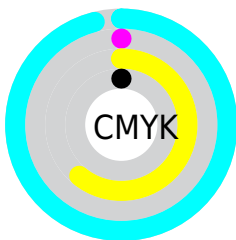
Distribution



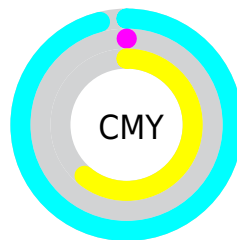
- Red (4%)
- Green (100%)
- Blue (39%)



- Red (4%)
- Yellow (74%)
- Blue (100%)



- Cyan (96%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)



- Cyan (96%)
- Magenta (0%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.0750, -31.5890, -135.1238 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 164.0750, -31.5890, -135.1238 by changing the saturation by 10% instead.

■ 164.0750,
-31.5890, -135.1238

■ 164.0750,
-31.5890, -135.1238

■ 255.0000, 0.0000,
0.0000

■ 140.2830,
-33.6635, -123.0282

■ 202.6370,
-23.4850, -74.2266

■ 119.9540,
-37.9383, -105.1997

■ 216.2940,
-16.4139, -55.5088

■ 98.6160, -48.6177,
-86.4862

■ 229.4670, -8.6112,
-38.1206

■ 82.1800, -40.5147,
-72.0719

■ 242.6400, -0.8085,
-20.7323

■ 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

■ 164.0750,
-31.5890, -135.1238

■ 164.0750,
-31.5890, -135.1238

■ 160.4010,
-32.7357, -140.6717

■ 173.3740,
-28.2854, -121.3540

■ 182.9720,
-25.1292, -106.9694

■ 192.5700,
-21.9730, -92.5849

■ 201.9830,
-18.2326, -78.9151

■ 211.5810,
-15.0764, -64.5305

■ 220.8800,
-11.7728, -50.7608

■ 230.4780, -8.6167,
-36.3762

■ 239.7770, -5.3131,
-22.6064

■ 249.3750, -2.1569,
-8.2219

Harmonies

Analogous

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



197.7010, -97.4666, -4.9998



164.0750, -31.5890, -135.1238



172.2570, 12.6913, -151.0694

Triad

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



164.0750, -31.5890, -135.1238



169.3630, 42.2190, -148.5314



168.0080, -8.3849, 76.2920

Complementary

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



164.0750, -31.5890, -135.1238



100.9250, 31.5890, 135.1238

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.



174.6150, 34.6998, 70.4976



164.0750, -31.5890, -135.1238



201.4310, 26.4095, -24.0570

Square

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



164.0750, -31.5890, -135.1238



178.7550, 37.5888, -156.7681



198.0610, 28.0709, 49.9355



183.2170, -59.2670, 62.9537

Rectangle

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



164.0750, -31.5890, -135.1238



178.7550, 37.5888, -156.7681



198.0610, 28.0709, 49.9355



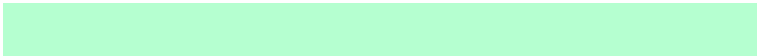
166.8460, 7.4709, 77.3111

Sweetspot

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



164.0750, -31.5890, -135.1238



227.5160, -9.6214, -40.7945



200.1600, -93.7489, -30.8353



111.2390, -6.0338, -24.7656



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.



164.0750, -31.5890, -135.1238



160.4010, -32.7357, -140.6717



177.9830, 21.7004, -147.3211



123.0870, -2.0149, -7.0923



120.0970, -24.6978, -105.3251



40.1900, -8.4747, -35.2466

Inverse Universe

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



100.9250, 31.5890, 135.1238



94.5990, 32.7357, 140.6717



87.0170, -21.7004, 147.3211



119.7990, 1.5781, 7.1923



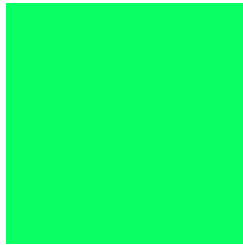
70.9030, 24.6978, 105.3251



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 164.0750, -31.5890, -135.1238 looks on a white background.

Color Contrast Check

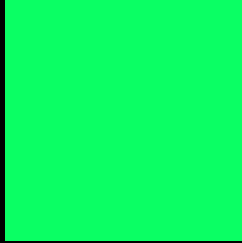
Large Text (above 18pt) WCAG AA × Fail

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 164.0750, -31.5890, -135.1238 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 164.0750, -31.5890, -135.1238 Background



This preview shows how black text looks on a background with the YUV color 164.0750, -31.5890, -135.1238.



This preview shows how white text looks on a background with the YUV color 164.0750, -31.5890, -135.1238.

-135.1238.

Color Blindness Simulation

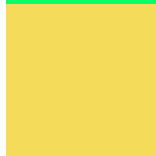
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



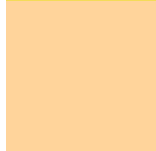
Original Color

164.0750, -31.5890, -135.1238



Protanopia

211.6550, -60.4689, 28.3666



Deuteranopia

218.3590, -31.2360, 32.1342



Tritanopia

203.7700, 25.2564, -74.3433

Trichromacy



Original Color

164.0750, -31.5890, -135.1238



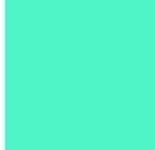
Protanomaly

194.3270, -49.9542, -30.9818



Deuteranomaly

198.8600, -31.4830, -28.8182



Tritanomaly

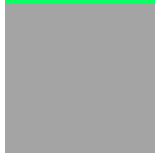
189.5350, 4.6662, -96.9392

Monochromacy



Original Color

164.0750, -31.5890, -135.1238



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.0050, -11.3415, -49.1164

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.0750, -31.5890, -135.1238 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(10, 255, 100)` looks like.

```
.text, #text, p{  
    color:rgb(10, 255, 100)  
}
```

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(10, 255, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 255, 100) }
```

Border

The CSS property to change the border of an element to YUV 164.0750, -31.5890, -135.1238 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(10, 255, 100) }
```


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

```
.border{ border-color:rgb(10, 255, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 255, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 255, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 255, 100);  
box-shadow:4px 4px 4px 4px rgb(10, 255,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 164.0750, -31.5890, -135.1238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 255, 100) }
```

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

```
.background{ background-color: rgb(10, 255,  
100) }
```

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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