

Converting Colors

YUV(131.4530, -64.8063,
-74.0653)

Have a look what the booklet for
YUV(131.4530, -64.8063, -74.0653)
contains.

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Color

**YUV(131.4530, -64.8063,
-74.0653)**

Conversions

Conversions Part 1

Format	Color
Hex	2FC800
RGB	47, 200, 0
RGB Percent	18%, 78%, 0%
CMY	0.8157, 0.2157, 1.0000
CMYK	0.77, 0.00, 1.00, 0.22
HSL	106°, 100%, 39%
HSV	106°, 100%, 78%
XYZ	21.8266, 41.9129, 6.9396
YIQ	131.4530, -26.9880, -94.6360

Conversions

Conversions Part 2

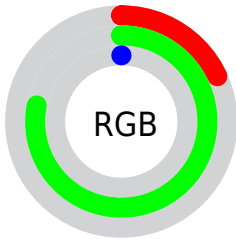
Format	Color
RYB	0, 200, 153
Decimal	3131392
CIELab	70.81, -68.00, 69.78
CIELCh	71, 97.435, 134.257
Yxy	41.9129, 0.3088, 0.5930
Android (android.graphics.Color)	4281321472 (0xFF2FC800)
YUV	131.4530, -64.8063, -74.0653
Hunter-Lab	64.7402, -53.1156, 38.9627

Details

The YUV color **131.4530, -64.8063, -74.0653** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **68.5470, 64.8063, 74.0653**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.7990, -56.1029, -65.5987**, and **84.5280, -41.6723, -74.1311** is the 20% darker color. If you saturate the color by 10%, you get **131.4530, -64.8063, -74.0653**, and if you desaturate by 10%, it is **138.2180, -58.2815, -66.8432**.

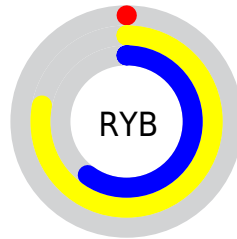
Distribution



Red (18%)

Green (78%)

Blue (0%)



Red (0%)

Yellow (78%)

Blue (60%)

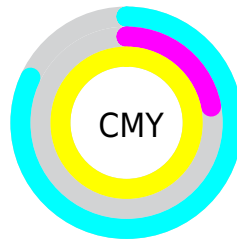


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (82%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.4530, -64.8063, -74.0653 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 131.4530, -64.8063, -74.0653 by changing the saturation by 10% instead.

■ 131.4530,
-64.8063, -74.0653

■ 131.4530,
-64.8063, -74.0653

■ 255.0000, 0.0000,
0.0000

■ 100.9640,
-49.7753, -88.5454

■ 194.7990,
-56.1029, -65.5987

■ 84.5280, -41.6723,
-74.1311

■ 207.3740,
-48.0054, -49.4400

■ 69.2660, -34.1481,
-60.7463

■ 219.8350,
-40.3447, -33.1813

■ 53.4170, -26.3346,
-46.8467

■ 232.4100,
-32.2471, -17.0226

■ 38.7420, -19.0998,
-33.9767

■ 244.9850,
-24.1496, -0.8638

■ 24.6540, -12.1544,
-21.6216

■ 251.5800,

■ 3.5220, -1.7363,

-13.1039, 2.9993

-3.0888

■ 0.0000, 0.0000,
0.0000

■ 131.4530,
-64.8063, -74.0653

■ 138.2180,
-58.2815, -66.8432

■ 145.2820,
-51.9040, -59.0063

■ 152.0470,
-45.3792, -51.7842

■ 158.8120,
-38.8543, -44.5621

■ 165.8760,
-32.4769, -36.7253

■ 172.6410,
-25.9520, -29.5032

■ 179.4060,
-19.4272, -22.2811

■ 186.1710,
-12.9023, -15.0590

■ 193.2350, -6.5249,
-7.2221

Harmonies

Analogous

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



158.2510, -78.0177, 10.3039



131.4530, -64.8063, -74.0653



136.5910, -7.1934, -119.7903

Triad

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



131.4530, -64.8063, -74.0653



144.7090, 54.3735, -126.9098



124.5070, 5.1730, 114.4424

Complementary

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



131.4530, -64.8063, -74.0653



68.5470, 64.8063, 74.0653

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.



142.8710, 39.9966, 98.3371



131.4530, -64.8063, -74.0653



128.8600, 62.1870, -113.0102

Square

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



131.4530, -64.8063, -74.0653



151.7530, 50.9008, -133.0874



170.9050, 41.4588, 49.1953



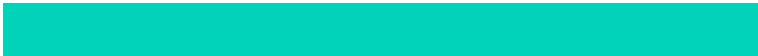
143.9390, -47.2979, 97.4005

Rectangle

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



131.4530, -64.8063, -74.0653



144.8330, 19.3093, -127.0185



170.9050, 41.4588, 49.1953



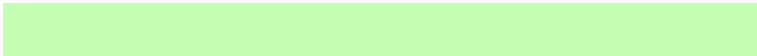
123.8180, 20.3027, 115.0466

Sweetspot

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



131.4530, -64.8063, -74.0653



228.6950, -24.4996, -28.6735



147.8500, -72.8901, 45.7356



111.9920, -14.7861, -17.5330



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.



131.4530, -64.8063, -74.0653



167.6250, -82.6391, -94.3871



123.1000, -36.0383, -107.9587



95.8810, -2.8993, -3.4036



107.0430, -52.7722, -60.5507



23.5240, -11.5973, -13.6145

Inverse Universe

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



68.5470, 64.8063, 74.0653



87.3750, 82.6391, 94.3871



76.9000, 36.0383, 107.9587



93.1190, 2.8993, 3.4036



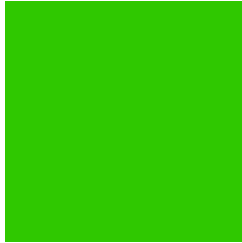
55.9570, 52.7722, 60.5507



12.1770, 11.7447, 12.9998

Previews

White Background



This preview shows how the YUV color 131.4530, -64.8063, -74.0653 looks on a white background.

Color Contrast Check

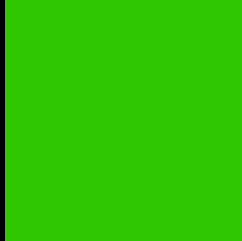
Large Text (above 18pt) WCAG AA × Fail

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 131.4530, -64.8063, -74.0653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

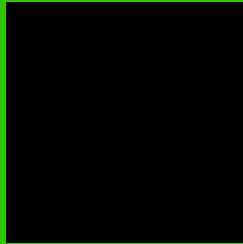
Any Text WCAG AA ✓ Pass

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 131.4530, -64.8063, -74.0653 Background



This preview shows how black text looks on a background with the YUV color 131.4530, -64.8063, -74.0653.



This preview shows how white text looks on a background with the YUV color 131.4530, -64.8063, -74.0653.

-74.0653.

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

131.4530, -64.8063, -74.0653

Protanopia

158.9700, -78.3722, 30.7213

Deuteranopia

165.1670, -60.2283, 44.5805



Tritanopia

160.2020, 20.1134, -58.0592

Trichromacy



Original Color

131.4530, -64.8063, -74.0653



Protanomaly

148.9930, -73.4535, -7.0099



Deuteranomaly

152.7350, -61.9874, 1.9864



Tritanomaly

149.7320, -10.7139, -63.7860

Monochromacy



Original Color

131.4530, -64.8063, -74.0653



Achromatopsia

131.0000, 0.0000, 0.0000



Achromatomaly

130.9340, -23.6315, -27.1291

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.4530, -64.8063, -74.0653 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(47, 200, 0)` looks like.

```
.text, #text, p{  
    color:rgb(47, 200, 0)  
}
```

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(47, 200, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 200, 0) }
```

Border

The CSS property to change the border of an element to YUV 131.4530, -64.8063, -74.0653 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(47, 200, 0) }
```


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

```
.border{ border-color:rgb(47, 200, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 200, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 200, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 200, 0);  
box-shadow:4px 4px 4px 4px rgb(47, 200, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 131.4530, -64.8063, -74.0653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 200, 0) }
```

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

```
.background{ background-color: rgb(47, 200,  
0) }
```

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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