

Converting Colors

YUV(131.7630, -64.9592,
-71.7062)

Have a look what the booklet for
YUV(131.7630, -64.9592, -71.7062)
contains.

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Color

**YUV(131.7630, -64.9592,
-71.7062)**

Conversions

Conversions Part 1

Format	Color
Hex	32C700
RGB	50, 199, 0
RGB Percent	20%, 78%, 0%
CMY	0.8039, 0.2196, 1.0000
CMYK	0.75, 0.00, 1.00, 0.22
HSL	105°, 100%, 39%
HSV	105°, 100%, 78%
XYZ	21.7388, 41.5250, 6.8694
YIQ	131.7630, -24.9250, -93.4770

Conversions

Conversions Part 2

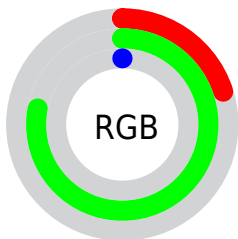
Format	Color
RYB	0, 199, 149
Decimal	3327744
CIELab	70.54, -67.25, 69.59
CIELCh	71, 96.777, 134.020
Yxy	41.5250, 0.3100, 0.5921
Android (android.graphics.Color)	4281517824 (0xFF32C700)
YUV	131.7630, -64.9592, -71.7062
Hunter-Lab	64.4399, -52.5527, 38.7875

Details

The YUV color **131.7630, -64.9592, -71.7062** 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 **67.2370, 64.9592, 71.7062**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.9840, -56.6871, -64.8840**, and **83.9410, -41.3829, -73.6163** is the 20% darker color. If you saturate the color by 10%, you get **131.7630, -64.9592, -71.7062**, and if you desaturate by 10%, it is **138.5280, -58.4343, -64.4841**.

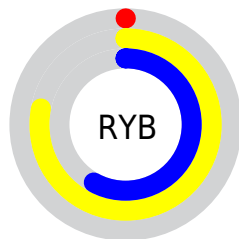
Distribution



Red (20%)

Green (78%)

Blue (0%)



Red (0%)

Yellow (78%)

Blue (58%)

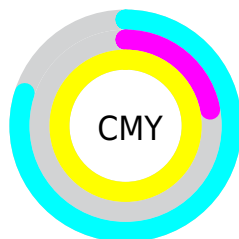


Cyan (75%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (80%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.7630, -64.9592, -71.7062 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 131.7630, -64.9592, -71.7062 by changing the saturation by 10% instead.

■ 131.7630,
-64.9592, -71.7062

■ 131.7630,
-64.9592, -71.7062

■ 255.0000, 0.0000,
0.0000

■ 100.3770,
-49.4859, -88.0306

■ 194.9840,
-56.6871, -64.8840

■ 83.9410, -41.3829,
-73.6163

■ 207.8580,
-48.7370, -48.1105

■ 68.6790, -33.8587,
-60.2315

■ 220.1340,
-40.4921, -32.5665

■ 53.4170, -26.3346,
-46.8467

■ 232.5950,
-32.8313, -16.3078

■ 38.1550, -18.8104,
-33.4619

■ 245.1700,
-24.7338, -0.1491

■ 24.0670, -11.8650,
-21.1068

■ 251.5800,

■ 2.3480, -1.1576,

-13.1039, 2.9993

-2.0592

254.8860, -0.4368,
0.1000

■ 0.0000, 0.0000,
0.0000

■ 131.7630,
-64.9592, -71.7062

■ 138.5280,
-58.4343, -64.4841

■ 145.2930,
-51.9094, -57.2620

■ 152.0580,
-45.3846, -50.0399

■ 158.8230,
-38.8597, -42.8178

■ 165.5880,
-32.3349, -35.5957

■ 171.9400,
-26.0994, -28.8884

■ 178.7050,
-19.5746, -21.6663

■ 185.4700,
-13.0497, -14.4442

■ 192.2350, -6.5249,
-7.2221

Harmonies

Analogous

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



157.6640, -77.7284, 10.8187



131.7630, -64.9592, -71.7062



135.7760, -7.7776, -119.0756

Triad

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



131.7630, -64.9592, -71.7062



144.1220, 54.6629, -126.3950



124.6210, 5.6098, 114.3424

Complementary

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



131.7630, -64.9592, -71.7062



67.2370, 64.9592, 71.7062

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.



143.3440, 39.2704, 97.9223



131.7630, -64.9592, -71.7062



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.



131.7630, -64.9592, -71.7062



151.1660, 51.1902, -132.5726



170.3070, 41.7536, 47.9658



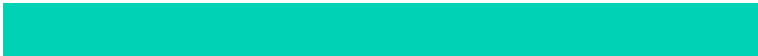
144.0530, -46.8611, 97.3005

Rectangle

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



131.7630, -64.9592, -71.7062



144.0180, 18.7251, -126.3038



170.3070, 41.7536, 47.9658



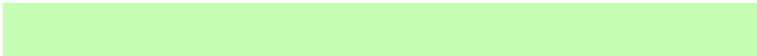
124.4050, 20.0133, 114.5318

Sweetspot

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



131.7630, -64.9592, -71.7062



229.2930, -24.7944, -27.4440



145.2030, -71.5851, 47.1800



112.2910, -14.9335, -16.9182



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.



131.7630, -64.9592, -71.7062



168.8210, -83.2288, -91.9280



122.0570, -37.4961, -107.0440



95.8810, -2.8993, -3.4036



107.9400, -53.2144, -58.7064



23.8230, -11.7447, -12.9998

Inverse Universe

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



67.2370, 64.9592, 71.7062



86.1790, 83.2288, 91.9280



76.9430, 37.4961, 107.0440



93.1190, 2.8993, 3.4036



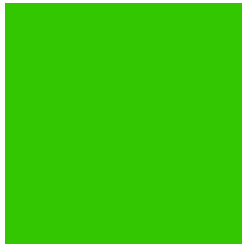
55.0600, 53.2144, 58.7064



12.1770, 11.7447, 12.9998

Previews

White Background



This preview shows how the YUV color 131.7630, -64.9592, -71.7062 looks on a white background.

Color Contrast Check

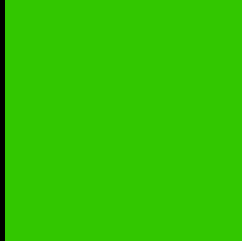
Large Text (above 18pt) WCAG AA × Fail

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 131.7630, -64.9592, -71.7062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

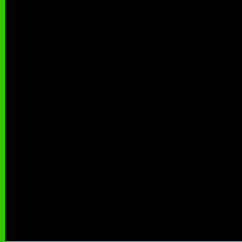
Any Text WCAG AA ✓ Pass

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 131.7630, -64.9592, -71.7062 Background



This preview shows how black text looks on a background with the YUV color 131.7630, -64.9592, -71.7062.



This preview shows how white text looks on a background with the YUV color 131.7630, -64.9592, -71.7062.

-71.7062.

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

158.6710, -78.2248, 30.1065

Deuteranopia

164.2810, -59.7915, 44.4806

Tritanopia

159.8000, 19.8186, -56.8296

Trichromacy



Protanomaly

148.9930, -73.4535, -7.0099

Deuteranomaly

152.1480, -61.6980, 2.5012

Tritanomaly

149.6290, -11.1561, -61.9416

Monochromacy



Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.6460, -23.4895, -25.9995

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.7630, -64.9592, -71.7062 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(50, 199, 0)` looks like.

```
.text, #text, p{  
    color:rgb(50, 199, 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(50, 199, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 199, 0) }
```

Border

The CSS property to change the border of an element to YUV 131.7630, -64.9592, -71.7062 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(50, 199, 0) }
```

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

```
.border{ border-color:rgb(50, 199, 0) }
```

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

Here you see how a box with a 4 pixel rgb(50, 199, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 199, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 199, 0);  
box-shadow:4px 4px 4px 4px rgb(50, 199, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 131.7630, -64.9592, -71.7062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 199, 0) }
```

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

```
.background{ background-color: rgb(50, 199,  
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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