

Converting Colors

YUV(130.1690, -64.1733,
-90.4792)

Have a look what the booklet for
YUV(130.1690, -64.1733, -90.4792)
contains.

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Color

**YUV(130.1690, -64.1733,
-90.4792)**

Conversions

Conversions Part 1

Format	Color
Hex	1BD000
RGB	27, 208, 0
RGB Percent	11%, 82%, 0%
CMY	0.8941, 0.1843, 1.0000
CMYK	0.87, 0.00, 1.00, 0.18
HSL	112°, 100%, 41%
HSV	112°, 100%, 82%
XYZ	23.0079, 45.3448, 7.5398
YIQ	130.1690, -41.1080, -103.0600

Conversions

Conversions Part 2

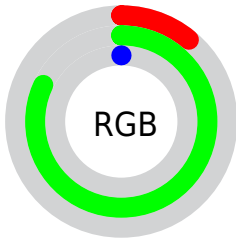
Format	Color
RYB	0, 208, 181
Decimal	1822720
CIELab	73.12, -72.52, 71.52
CIELCh	73, 101.855, 135.395
Yxy	45.3448, 0.3032, 0.5975
Android (android.graphics.Color)	4280012800 (0xFF1BD000)
YUV	130.1690, -64.1733, -90.4792
Hunter-Lab	67.3385, -56.8535, 40.4984

Details

The YUV color **130.1690, -64.1733, -90.4792** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **77.8310, 64.1733, 90.4792**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.8200, -54.6343, -70.0021**, and **89.2240, -43.9874, -78.2494** is the 20% darker color. If you saturate the color by 10%, you get **130.1690, -64.1733, -90.4792**, and if you desaturate by 10%, it is **137.9450, -57.6539, -81.5128**.

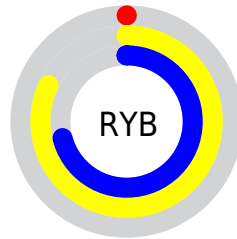
Distribution



Red (11%)

Green (82%)

Blue (0%)



Red (0%)

Yellow (82%)

Blue (71%)

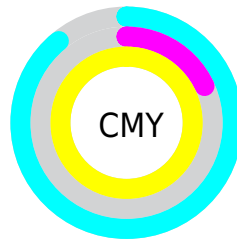


Cyan (87%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (89%)

Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.1690, -64.1733, -90.4792 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 130.1690, -64.1733, -90.4792 by changing the saturation by 10% instead.

■ 130.1690,
-64.1733, -90.4792

■ 130.1690,
-64.1733, -90.4792

■ 255.0000, 0.0000,
0.0000

■ 105.6600,
-52.0904, -92.6638

■ 192.8200,
-54.6343, -70.0021

■ 89.2240, -43.9874,
-78.2494

■ 205.6940,
-46.6841, -53.2286

■ 73.3750, -36.1739,
-64.3499

■ 218.5680,
-38.7340, -36.4551

■ 57.5260, -28.3603,
-50.4503

■ 231.1430,
-30.6365, -20.2964

■ 42.2640, -20.8362,
-37.0655

■ 244.0170,
-22.6864, -3.5229

■ 28.1760, -13.8908,
-24.7104

■ 251.8080,

■ 11.1530, -5.4984,

-12.2303, 2.7994

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 130.1690,
-64.1733, -90.4792

■ 137.9450,
-57.6539, -81.5128

■ 145.7210,
-51.1345, -72.5463

■ 153.3830,
-45.0518, -63.4799

■ 161.1590,
-38.5324, -54.5134

■ 169.2340,
-32.1604, -44.9322

■ 177.0100,
-25.6409, -35.9658

■ 184.7860,
-19.1215, -26.9993

■ 192.4480,
-13.0389, -17.9329

■ 200.2240, -6.5194,
-8.9664

Harmonies

Analogous

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



162.9580, -80.3383, 7.9298



130.1690, -64.1733, -90.4792



142.0850, -6.4509, -124.6085

Triad

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



130.1690, -64.1733, -90.4792



148.8180, 52.3477, -130.5134



122.8600, 6.4780, 115.8868

Complementary

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



130.1690, -64.1733, -90.4792



77.8310, 64.1733, 90.4792

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.



141.0930, 43.3382, 99.8964



130.1690, -64.1733, -90.4792



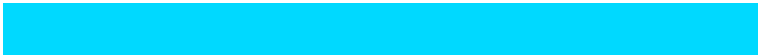
131.7950, 60.7401, -115.5842

Square

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



130.1690, -64.1733, -90.4792



156.4490, 48.5856, -137.2058



175.3790, 39.2532, 56.6726



145.7170, -50.6395, 95.8412

Rectangle

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



130.1690, -64.1733, -90.4792



150.7830, 21.7990, -132.2367



175.3790, 39.2532, 56.6726



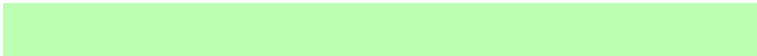
120.5240, 22.9127, 117.9355

Sweetspot

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



130.1690, -64.1733, -90.4792



226.3030, -23.3204, -33.5917



167.8520, -82.7510, 35.2098



110.7960, -14.1964, -19.9921



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.



130.1690, -64.1733, -90.4792



159.5520, -78.6591, -110.9861



130.7600, -26.9967, -114.6765



100.7560, -3.3307, -5.0480



105.1940, -51.8606, -72.9611



25.5620, -12.6021, -18.0329

Inverse Universe

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



77.8310, 64.1733, 90.4792



95.4480, 78.6591, 110.9861



77.2400, 26.9967, 114.6765



97.9450, 3.4781, 4.4332



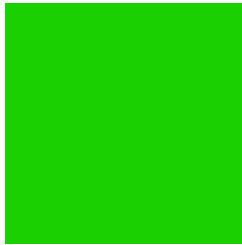
62.8060, 51.8606, 72.9611



15.4380, 12.6021, 18.0329

Previews

White Background



This preview shows how the YUV color 130.1690, -64.1733, -90.4792 looks on a white background.

Color Contrast Check

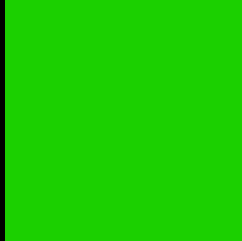
Large Text (above 18pt) WCAG AA × Fail

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 130.1690, -64.1733, -90.4792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

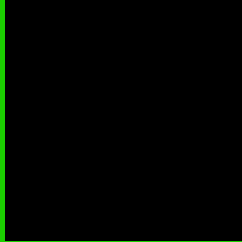
Any Text WCAG AA ✓ Pass

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 130.1690, -64.1733, -90.4792 Background



This preview shows how black text looks on a background with the YUV color 130.1690, -64.1733, -90.4792.



This preview shows how white text looks on a background with the YUV color 130.1690, -64.1733, -90.4792.

-90.4792.

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

130.1690, -64.1733, -90.4792

Protanopia

164.5850, -81.1404, 31.9360

Deuteranopia

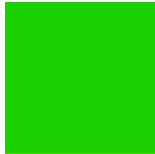
171.3090, -62.2703, 46.2100



Tritanopia

164.0270, 22.1717, -64.9217

Trichromacy



Original Color

130.1690, -64.1733, -90.4792



Protanomaly

152.2050, -75.0371, -12.4578



Deuteranomaly

156.1750, -62.6973, -3.6615



Tritanomaly

151.4210, -9.0816, -74.0372

Monochromacy



Original Color

130.1690, -64.1733, -90.4792



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

130.0150, -23.1784, -32.4622

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.1690, -64.1733, -90.4792 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(27, 208, 0)` looks like.

```
.text, #text, p{  
    color:rgb(27, 208, 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(27, 208, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 208, 0) }
```

Border

The CSS property to change the border of an element to YUV 130.1690, -64.1733, -90.4792 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(27, 208, 0) }
```


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

```
.border{ border-color:rgb(27, 208, 0) }
```

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

Here you see how a box with a 4 pixel rgb(27, 208, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 208, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 208, 0);  
box-shadow:4px 4px 4px 4px rgb(27, 208, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 130.1690, -64.1733, -90.4792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 208, 0) }
```

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

```
.background{ background-color: rgb(27, 208,  
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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