

Converting Colors

YUV(130.9230, -64.5450,
-111.3115)

Have a look what the booklet for
YUV(130.9230, -64.5450, -111.3115)
contains.

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Color

**YUV(130.9230, -64.5450,
-111.3115)**

Conversions

Conversions Part 1

Format	Color
Hex	04DD00
RGB	4, 221, 0
RGB Percent	2%, 87%, 0%
CMY	0.9843, 0.1333, 1.0000
CMYK	0.98, 0.00, 1.00, 0.13
HSL	119°, 100%, 43%
HSV	119°, 100%, 87%
XYZ	25.9065, 51.7387, 8.6212
YIQ	130.9230, -58.3910, -114.7350

Conversions

Conversions Part 2

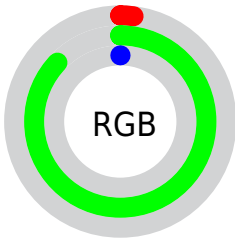
Format	Color
RYB	0, 221, 217
Decimal	318720
CIELab	77.12, -77.21, 74.68
CIELCh	77, 107.418, 135.956
Yxy	51.7387, 0.3003, 0.5998
Android (android.graphics.Color)	4278508800 (0xFF04DD00)
YUV	130.9230, -64.5450, -111.3115
Hunter-Lab	71.9296, -61.5874, 43.2445

Details

The YUV color **130.9230, -64.5450, -111.3115** 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 **90.0770, 64.5450, 111.3115**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.5640, -53.0291, -71.5316**, and **96.2680, -47.4601, -84.4270** is the 20% darker color. If you saturate the color by 10%, you get **130.9230, -64.5450, -111.3115**, and if you desaturate by 10%, it is **140.0090, -58.1784, -99.9859**.

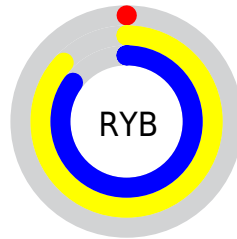
Distribution



Red (2%)

Green (87%)

Blue (0%)



Red (0%)

Yellow (87%)

Blue (85%)

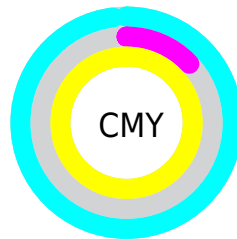


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (98%)

Magenta (13%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.9230, -64.5450, -111.3115 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 130.9230, -64.5450, -111.3115 by changing the saturation by 10% instead.

■ 130.9230,
-64.5450, -111.3115

■ 130.9230,
-64.5450, -111.3115

■ 255.0000, 0.0000,
0.0000

■ 112.7040,
-55.5631, -98.8414

■ 192.5640,
-53.0291, -71.5316

■ 96.2680, -47.4601,
-84.4270

■ 206.1500,
-44.9370, -53.6286

■ 79.8320, -39.3572,
-70.0127

■ 219.0240,
-36.9868, -36.8550

■ 63.9830, -31.5436,
-56.1131

■ 231.8980,
-29.0367, -20.0815

■ 48.7210, -24.0195,
-42.7283

■ 244.7720,
-21.0866, -3.3080

■ 34.6330, -17.0741,
-30.3731

■ 252.3780,

■ 18.7840, -9.2605,

-10.0464, 2.2995

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 130.9230,
-64.5450, -111.3115

■ 140.0090,
-58.1784, -99.9859

■ 148.7960,
-51.6644, -89.2751

■ 157.8820,
-45.2978, -77.9495

■ 166.9680,
-38.9312, -66.6239

■ 176.1680,
-32.1278, -55.3983

■ 184.9550,
-25.6138, -44.6875

■ 194.0410,
-19.2472, -33.3620

■ 203.1270,
-12.8806, -22.0364

■ 211.9140, -6.3666,
-11.3256

Harmonies

Analogous

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



172.3940, -84.9902, 6.6705



130.9230, -64.5450, -111.3115



150.7420, -6.2818, -132.2007

Triad

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



130.9230, -64.5450, -111.3115



155.8620, 48.8750, -136.6910



123.5440, 9.0988, 115.2869

Complementary

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



130.9230, -64.5450, -111.3115



90.0770, 64.5450, 111.3115

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.



142.5750, 49.0165, 98.5967



130.9230, -64.5450, -111.3115



137.6650, 57.8462, -120.7322

Square

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



130.9230, -64.5450, -111.3115



164.0800, 44.8236, -143.8982



183.3860, 35.3057, 62.8055



149.7120, -53.1020, 92.3376

Rectangle

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



130.9230, -64.5450, -111.3115



159.8960, 23.7153, -140.2288



183.3860, 35.3057, 62.8055



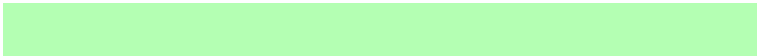
120.2620, 26.9858, 118.1652

Sweetspot

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



130.9230, -64.5450, -111.3115



223.9110, -22.1411, -38.5099



191.6970, -94.5066, 25.6987



109.0020, -13.3120, -23.6808



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.



130.9230, -64.5450, -111.3115



151.1800, -74.5317, -128.1999



141.4690, -18.9652, -124.0683



105.4570, -3.1833, -5.6628



102.4480, -50.5069, -87.2159



27.3010, -13.4594, -23.0660

Inverse Universe

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



90.0770, 64.5450, 111.3115



103.8200, 74.5317, 128.1999



79.5310, 18.9652, 124.0683



103.2440, 3.3307, 5.0480



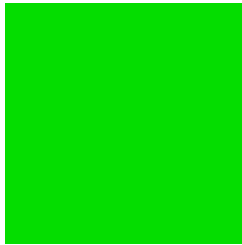
70.5520, 50.5069, 87.2159



18.6990, 13.4594, 23.0660

Previews

White Background



This preview shows how the YUV color 130.9230, -64.5450, -111.3115 looks on a white background.

Color Contrast Check

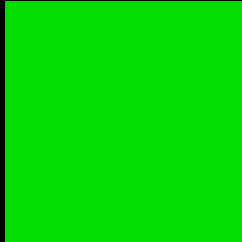
Large Text (above 18pt) WCAG AA × Fail

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 130.9230, -64.5450, -111.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

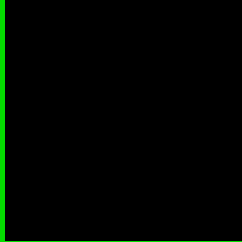
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

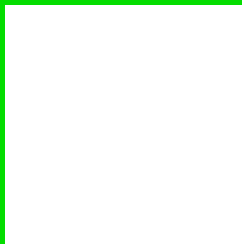
Any Text WCAG AAA ✓ Pass

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

YUV 130.9230, -64.5450, -111.3115 Background



This preview shows how black text looks on a background with the YUV color 130.9230, -64.5450, -111.3115.



This preview shows how white text looks on a background with the YUV color 130.9230, -64.5450, -111.3115.

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

130.9230, -64.5450, -111.3115

Protanopia

174.6300, -86.0926, 33.6505

Deuteranopia

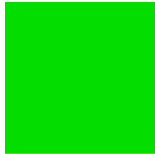
181.4080, -65.7701, 48.7542



Tritanopia

173.4500, 23.9352, -70.5546

Trichromacy



Original Color

130.9230, -64.5450, -111.3115



Protanomaly

158.9500, -78.3623, -19.2501



Deuteranomaly

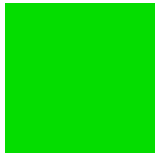
162.8600, -65.0070, -9.5242



Tritanomaly

158.1700, -8.4648, -85.2181

Monochromacy



Original Color

130.9230, -64.5450, -111.3115



Achromatopsia

131.0000, 0.0000, 0.0000



Achromatomaly

131.1450, -23.7355, -40.4692

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.9230, -64.5450, -111.3115 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(4, 221, 0)` looks like.

```
.text, #text, p{  
    color:rgb(4, 221, 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(4, 221, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 221, 0) }
```

Border

The CSS property to change the border of an element to YUV 130.9230, -64.5450, -111.3115 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(4, 221, 0) }
```


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

```
.border{ border-color:rgb(4, 221, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 221, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 221, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 221, 0); box-shadow:4px  
4px 4px 4px rgb(4, 221, 0) }
```

Background

The CSS property to change the background color of an element to YUV 130.9230, -64.5450, -111.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 221, 0) }
```

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

```
.background{ background-color: rgb(4, 221,  
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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