

Converting Colors

YUV(130.0370, -6.9202,
-114.0424)

Have a look what the booklet for
YUV(130.0370, -6.9202, -114.0424)
contains.

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Color

**YUV(130.0370, -6.9202,
-114.0424)**

Conversions

Conversions Part 1

Format	Color
Hex	00C774
RGB	0, 199, 116
RGB Percent	0%, 78%, 45%
CMY	1.0000, 0.2196, 0.5451
CMYK	1.00, 0.00, 0.42, 0.22
HSL	155°, 100%, 39%
HSV	155°, 100%, 78%
XYZ	23.5758, 42.1078, 23.4080
YIQ	130.0370, -91.9610, -68.0010

Conversions

Conversions Part 2

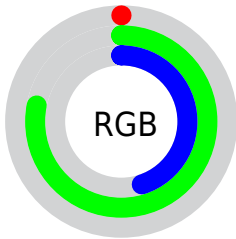
Format	Color
RYB	0, 126, 199
Decimal	51060
CIELab	70.95, -60.61, 30.09
CIELCh	71, 67.667, 153.594
Yxy	42.1078, 0.2646, 0.4726
Android (android.graphics.Color)	4278241140 (0xFF00C774)
YUV	130.0370, -6.9202, -114.0424
Hunter-Lab	64.8905, -48.7064, 24.0356

Details

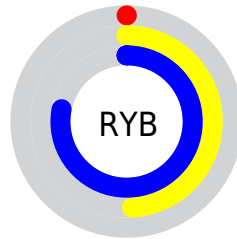
The YUV color **130.0370, -6.9202, -114.0424** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **68.9630, 6.9202, 114.0424**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.8510, -14.7165, -86.6923**, and **92.0520, -12.8436, -80.7296** is the 20% darker color. If you saturate the color by 10%, you get **130.0370, -6.9202, -114.0424**, and if you desaturate by 10%, it is **136.9290, -6.3740, -102.5467**.

Distribution



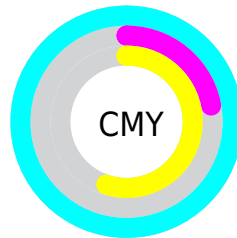
- Red (0%)
- Green (78%)
- Blue (45%)



- Red (0%)
- Yellow (49%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.0370, -6.9202, -114.0424 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 130.0370, -6.9202, -114.0424 by changing the saturation by 10% instead.

■ 130.0370, -6.9202,
-114.0424

■ 130.0370, -6.9202,
-114.0424

255.0000, 0.0000,
0.0000

■ 110.7510, -9.7372,
-97.1286

■ 198.8510,
-14.7165, -86.6923

■ 92.0520, -12.8436,
-80.7296

■ 211.4970, -7.6400,
-69.7189

■ 73.5810, -15.0764,
-64.5305

■ 224.0720, 0.4575,
-53.5601

■ 55.5830, -18.0354,
-48.7463

■ 236.5330, 8.1182,
-37.3014

■ 38.7420, -19.0998,
-33.9767

■ 246.0300, 4.4222,
-18.4433

■ 24.6540, -12.1544,
-21.6216

■ 3.5220, -1.7363,

-3.0888

■ 0.0000, 0.0000,
0.0000

■ 130.0370, -6.9202,
-114.0424

■ 136.9290, -6.3740,
-102.5467

■ 143.9350, -5.3910,
-91.1510

■ 150.8270, -4.8447,
-79.6553

■ 157.7190, -4.2985,
-68.1596

■ 164.7250, -3.3154,
-56.7638

■ 171.3180, -2.6218,
-45.8829

■ 178.2100, -2.0755,
-34.3872

■ 185.1020, -1.5293,
-22.8915

■ 192.1080, -0.5462,
-11.4957

Harmonies

Analogous

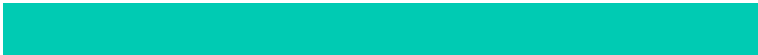
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



158.3760, -47.5134, -20.5008



130.0370, -6.9202, -114.0424



139.5670, 19.4405, -122.4003

Triad

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



130.0370, -6.9202, -114.0424



133.5560, 59.8719, -117.1286



162.6330, -26.4411, 81.0059

Complementary

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



130.0370, -6.9202, -114.0424



68.9630, 6.9202, 114.0424

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.



163.0160, 2.9501, 80.6700



130.0370, -6.9202, -114.0424



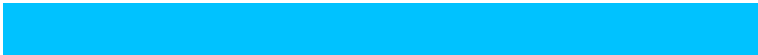
174.7830, 39.5470, 8.9603

Square

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



130.0370, -6.9202, -114.0424



142.9480, 55.2416, -125.3654



177.3020, 25.9801, 67.2641



169.0420, -53.7577, 69.2462

Rectangle

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



130.0370, -6.9202, -114.0424



144.3550, 37.7860, -126.5993



177.3020, 25.9801, 67.2641



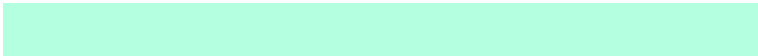
161.2770, -16.4056, 82.1951

Sweetspot

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



130.0370, -6.9202, -114.0424



228.6280, -2.7746, -43.5238



142.5270, -70.2658, -49.5742



111.9660, -1.9552, -26.2802



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.



130.0370, -6.9202, -114.0424



166.6710, -8.7118, -146.1705



131.8680, 33.0961, -115.6482



95.8530, -0.4205, -5.1331



106.5110, -5.6749, -93.4101



23.5260, -1.2453, -20.6323

Inverse Universe

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



68.9630, 6.9202, 114.0424



88.3290, 8.7118, 146.1705



67.1320, -33.0961, 115.6482



93.1470, 0.4205, 5.1331



56.4890, 5.6749, 93.4101



12.4740, 1.2453, 20.6323

Previews

White Background



This preview shows how the YUV color 130.0370, -6.9202, -114.0424 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 130.0370, -6.9202, -114.0424 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 130.0370, -6.9202, -114.0424 Background



This preview shows how black text looks on a background with the YUV color 130.0370, -6.9202, -114.0424.

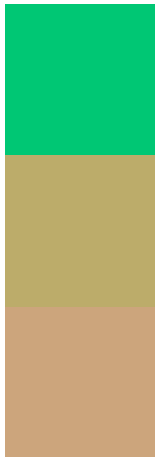


This preview shows how white text looks on a background with the YUV color 130.0370, -6.9202, -114.0424.

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

130.0370, -6.9202, -114.0424

Protanopia

169.2600, -31.1872, 16.4350

Deuteranopia

171.9870, -23.6576, 28.0754



Tritanopia

156.0260, 23.6512, -72.8138

Trichromacy



Original Color

130.0370, -6.9202, -114.0424



Protanomaly

155.2540, -22.3102, -30.9178



Deuteranomaly

156.5630, -17.5326, -23.2958



Tritanomaly

146.6530, 12.4961, -88.2727

Monochromacy



Original Color

130.0370, -6.9202, -114.0424



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

130.0520, -2.4906, -41.2646

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.0370, -6.9202, -114.0424 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(0, 199, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 199, 116)  
}
```

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(0, 199, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 199, 116) }
```

Border

The CSS property to change the border of an element to YUV 130.0370, -6.9202, -114.0424 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(0, 199, 116) }
```


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

```
.border{ border-color:rgb(0, 199, 116) }
```

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

Here you see how a box with a 4 pixel rgb(0, 199, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 199, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 199, 116);  
box-shadow:4px 4px 4px 4px rgb(0, 199,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 130.0370, -6.9202, -114.0424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 199, 116) }
```

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

```
.background{ background-color: rgb(0, 199,  
116) }
```

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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