

Converting Colors

YUV(130.9370, -18.7029,
-114.8317)

Have a look what the booklet for
YUV(130.9370, -18.7029, -114.8317)
contains.

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Color

**YUV(130.9370, -18.7029,
-114.8317)**

Conversions

Conversions Part 1

Format	Color
Hex	00CD5D
RGB	0, 205, 93
RGB Percent	0%, 80%, 36%
CMY	1.0000, 0.1961, 0.6353
CMYK	1.00, 0.00, 0.55, 0.20
HSL	147°, 100%, 40%
HSV	147°, 100%, 80%
XYZ	23.8071, 44.4530, 17.6814
YIQ	130.9370, -86.2280, -78.2920

Conversions

Conversions Part 2

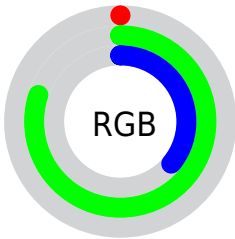
Format	Color
RYB	0, 141, 205
Decimal	52573
CIELab	72.53, -66.42, 43.52
CIElCh	73, 79.406, 146.762
Yxy	44.4530, 0.2770, 0.5172
Android (android.graphics.Color)	4278242653 (0xFF00CD5D)
YUV	130.9370, -18.7029, -114.8317
Hunter-Lab	66.6731, -52.9404, 30.9476

Details

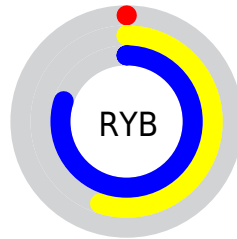
The YUV color **130.9370, -18.7029, -114.8317** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **74.0630, 18.7029, 114.8317**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.8270, -25.0577, -83.1633**, and **92.2510, -24.7737, -80.9041** is the 20% darker color. If you saturate the color by 10%, you get **130.9370, -18.7029, -114.8317**, and if you desaturate by 10%, it is **138.1710, -16.8463, -103.6360**.

Distribution



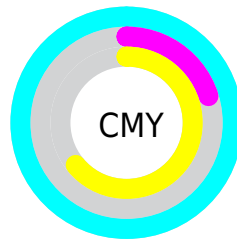
- Red (0%)
- Green (80%)
- Blue (36%)



- Red (0%)
- Yellow (55%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.9370, -18.7029, -114.8317 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 130.9370, -18.7029, -114.8317 by changing the saturation by 10% instead.

■ 130.9370,
-18.7029, -114.8317

■ 130.9370,
-18.7029, -114.8317

■ 255.0000, 0.0000,
0.0000

■ 111.5370,
-21.9567, -97.8179

■ 196.8270,
-25.0577, -83.1633

■ 92.2510, -24.7737,
-80.9041

■ 209.7720,
-18.1286, -65.5750

■ 72.9820, -30.0641,
-64.0052

■ 222.2330,
-10.4679, -49.3163

■ 56.3520, -27.7815,
-49.4207

■ 234.8080, -2.3703,
-33.1576

■ 41.0900, -20.2574,
-36.0359

■ 246.9270, 3.9800,
-16.5990

■ 27.5890, -13.6014,
-24.1956

■ 9.3920, -4.6303,

-8.2368

■ 0.0000, 0.0000,
0.0000

■ 130.9370,
-18.7029, -114.8317

■ 138.1710,
-16.8463, -103.6360

■ 145.7040,
-15.1371, -91.8254

■ 153.3510,
-12.9910, -80.1148

■ 160.5850,
-11.1344, -68.9190

■ 168.1180, -9.4252,
-57.1085

■ 175.3520, -7.5685,
-45.9127

■ 182.8850, -5.8593,
-34.1021

■ 190.2330, -3.5659,
-23.0063

■ 197.7660, -1.8566,
-11.1958

Harmonies

Analogous

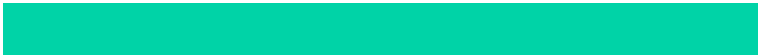
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



159.7800, -70.3905, -9.4541



130.9370, -18.7029, -114.8317



142.8950, 11.8838, -125.3189

Triad

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



130.9370, -18.7029, -114.8317



140.0130, 56.6886, -122.7914



154.7400, -18.6058, 87.9280

Complementary

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



130.9370, -18.7029, -114.8317



74.0630, 18.7029, 114.8317

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.



158.2520, 15.1588, 84.8480



130.9370, -18.7029, -114.8317



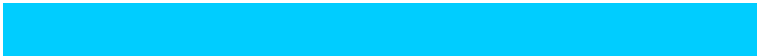
172.0040, 40.9170, -10.5275

Square

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



130.9370, -18.7029, -114.8317



149.4050, 52.0583, -131.0282



179.8640, 37.0420, 65.8943



165.5270, -55.9688, 78.4678

Rectangle

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



130.9370, -18.7029, -114.8317



148.7090, 34.1605, -130.4178



179.8640, 37.0420, 65.8943



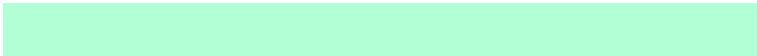
153.8400, -6.8231, 88.7173

Sweetspot

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



130.9370, -18.7029, -114.8317



227.4880, -7.1426, -42.5240



154.1220, -75.9821, -36.0640



111.2820, -4.5760, -25.6803



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.



130.9370, -18.7029, -114.8317



162.9090, -23.1261, -142.8712



142.5650, 25.8505, -125.0295



98.3260, -1.1467, -5.5479



105.9920, -15.2791, -92.9550



24.2440, -3.5713, -21.2620

Inverse Universe

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



74.0630, 18.7029, 114.8317



92.0910, 23.1261, 142.8712



62.4350, -25.8505, 125.0295



95.5600, 0.7099, 5.6479



60.0080, 15.2791, 92.9550



13.7560, 3.5713, 21.2620

Previews

White Background



This preview shows how the YUV color 130.9370, -18.7029, -114.8317 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 130.9370, -18.7029, -114.8317 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 130.9370, -18.7029, -114.8317 Background



This preview shows how black text looks on a background with the YUV color 130.9370, -18.7029, -114.8317.



This preview shows how white text looks on a background with the YUV color 130.9370, -18.7029, -114.8317.

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

130.9370, -18.7029, -114.8317

Protanopia

171.7800, -43.2755, 20.3639

Deuteranopia

174.6430, -35.3200, 35.3931



Tritanopia

160.9230, 23.2090, -70.9695

Trichromacy



Original Color

130.9370, -18.7029, -114.8317



Protanomaly

156.7630, -34.3932, -28.7332



Deuteranomaly

158.4960, -29.3315, -18.8520



Tritanomaly

149.8120, 7.9807, -86.6581

Monochromacy



Original Color

130.9370, -18.7029, -114.8317



Achromatopsia

131.0000, 0.0000, 0.0000



Achromatomaly

130.9010, -6.8532, -42.0092

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.9370, -18.7029, -114.8317 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, 205, 93)` looks like.

```
.text, #text, p{  
    color:rgb(0, 205, 93)  
}
```

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, 205, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 205, 93) }
```

Border

The CSS property to change the border of an element to YUV 130.9370, -18.7029, -114.8317 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, 205, 93) }
```


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

```
.border{ border-color:rgb(0, 205, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 205, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 205, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 205, 93);  
box-shadow:4px 4px 4px 4px rgb(0, 205, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 130.9370, -18.7029, -114.8317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 205, 93) }
```

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

```
.background{ background-color: rgb(0, 205,  
93) }
```

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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