

Converting Colors

YUV(131.8020, -37.3704,
-100.6814)

Have a look what the booklet for
YUV(131.8020, -37.3704, -100.6814)
contains.

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Color

**YUV(131.8020, -37.3704,
-100.6814)**

Conversions

Conversions Part 1

Format	Color
Hex	11CD38
RGB	17, 205, 56
RGB Percent	7%, 80%, 22%
CMY	0.9333, 0.1961, 0.7804
CMYK	0.92, 0.00, 0.73, 0.20
HSL	132°, 85%, 44%
HSV	132°, 92%, 80%
XYZ	22.7763, 44.0673, 11.0468
YIQ	131.8020, -64.2190, -86.1950

Conversions

Conversions Part 2

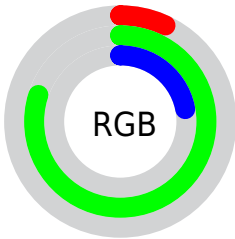
Format	Color
RYB	17, 173, 205
Decimal	1166648
CIELab	72.27, -69.92, 58.92
CIELCh	72, 91.436, 139.884
Yxy	44.0673, 0.2924, 0.5658
Android (android.graphics.Color)	4279356728 (0xFF11CD38)
YUV	131.8020, -37.3704, -100.6814
Hunter-Lab	66.3832, -54.9267, 36.6018

Details

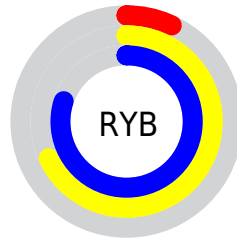
The YUV color **131.8020, -37.3704, -100.6814** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **90.1980, 37.3704, 100.6814**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.4460, -40.6459, -76.6901**, and **87.4630, -43.1193, -76.7051** is the 20% darker color. If you saturate the color by 10%, you get **125.2370, -40.5428, -109.8328**, and if you desaturate by 10%, it is **139.6060, -33.3298, -89.9855**.

Distribution



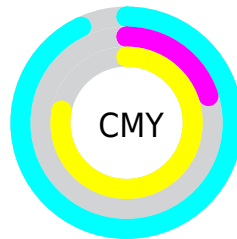
- Red (7%)
- Green (80%)
- Blue (22%)



- Red (7%)
- Yellow (68%)
- Blue (80%)



- Cyan (92%)
- Magenta (0%)
- Yellow (73%)
- Black (20%)



- Cyan (93%)
- Magenta (20%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.8020, -37.3704, -100.6814 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 131.8020, -37.3704, -100.6814 by changing the saturation by 10% instead.

■ 131.8020,
-37.3704, -100.6814

■ 131.8020,
-37.3704, -100.6814

255.0000, 0.0000,
0.0000

■ 106.5210,
-41.1759, -93.4189

■ 194.4460,
-40.6459, -76.6901

■ 87.4630, -43.1193,
-76.7051

■ 207.3910,
-33.7168, -59.1019

■ 71.6140, -35.3057,
-62.8055

■ 219.8520,
-26.0560, -42.8432

■ 56.3520, -27.7815,
-49.4207

■ 232.3130,
-18.3953, -26.5845

■ 41.0900, -20.2574,
-36.0359

■ 244.8880,
-10.2978, -10.4258

■ 27.0020, -13.3120,
-23.6808

254.8860, -0.4368,

■ 8.8050, -4.3409,

0.1000

-7.7220

■ 0.0000, 0.0000,
0.0000

■ 131.8020,
-37.3704, -100.6814

■ 131.8020,
-37.3704, -100.6814

■ 125.2370,
-40.5428, -109.8328

■ 139.6060,
-33.3298, -89.9855

■ 147.7090,
-29.4365, -78.6748

■ 155.6270,
-24.9591, -68.0789

■ 163.7300,
-21.0659, -56.7682

■ 171.5340,
-17.0253, -46.0723

■ 179.6370,
-13.1320, -34.7616

■ 187.8540, -8.8020,
-23.5510

■ 195.6580, -4.7614,
-12.8551

■ 203.7610, -0.8682,
-1.5444

Harmonies

Analogous

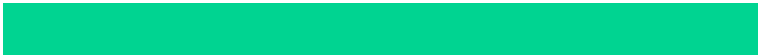
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



159.3700, -78.5694, 0.5525



131.8020, -37.3704, -100.6814



140.9740, 1.9848, -123.6342

Triad

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



131.8020, -37.3704, -100.6814



144.1220, 54.6629, -126.3950



139.9170, -6.8611, 100.9278

Complementary

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



131.8020, -37.3704, -100.6814



90.1980, 37.3704, 100.6814

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.



148.7920, 29.6825, 93.1444



131.8020, -37.3704, -100.6814



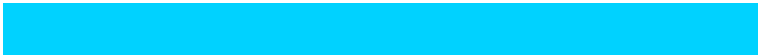
157.2870, 48.1725, -51.1177

Square

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



131.8020, -37.3704, -100.6814



152.3400, 50.6114, -133.6022



176.5970, 38.6527, 62.6204



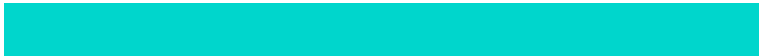
154.7500, -54.1067, 87.9193

Rectangle

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



131.8020, -37.3704, -100.6814



148.8740, 27.1771, -130.5625



176.5970, 38.6527, 62.6204



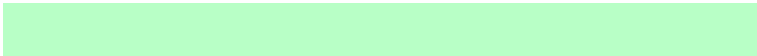
138.8860, 6.9582, 101.8320

Sweetspot

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



131.8020, -37.3704, -100.6814



227.2730, -14.4316, -37.9504



172.2060, -76.5166, -4.5657



110.8540, -8.8020, -23.5510



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.



131.8020, -37.3704, -100.6814



155.7270, -50.6444, -136.5726



142.4040, 3.2518, -109.9793



98.0980, -2.0203, -5.3479



101.3180, -33.1878, -88.8559



23.2180, -7.5025, -20.3622

Inverse Universe

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



90.1980, 37.3704, 100.6814



99.2730, 50.6444, 136.5726



79.5960, -3.2518, 109.9793



95.9020, 2.0203, 5.3479



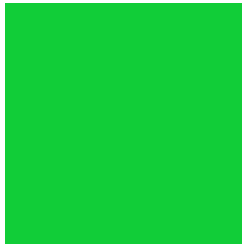
64.5680, 32.7510, 88.9559



14.7820, 7.5025, 20.3622

Previews

White Background



This preview shows how the YUV color 131.8020, -37.3704, -100.6814 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 131.8020, -37.3704, -100.6814 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 131.8020, -37.3704, -100.6814 Background



This preview shows how black text looks on a background with the YUV color 131.8020, -37.3704, -100.6814.



This preview shows how white text looks on a background with the YUV color 131.8020, -37.3704, -100.6814.

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

131.8020, -37.3704, -100.6814

Protanopia

167.6870, -59.0057, 25.7075

Deuteranopia

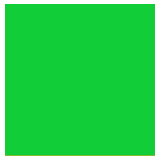
171.1910, -49.8872, 41.0515



Tritanopia

161.1300, 22.6139, -66.7660

Trichromacy



Original Color

131.8020, -37.3704, -100.6814



Protanomaly

155.0510, -51.2971, -20.2157



Deuteranomaly

157.0120, -45.3619, -10.5345



Tritanomaly

150.3200, 0.8282, -79.2106

Monochromacy



Original Color

131.8020, -37.3704, -100.6814



Achromatopsia

132.0000, 0.0000, 0.0000



Achromatomaly

132.0990, -13.8528, -36.9208

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.8020, -37.3704, -100.6814 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(17, 205, 56)` looks like.

```
.text, #text, p{  
    color:rgb(17, 205, 56)  
}
```

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(17, 205, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 205, 56) }
```

Border

The CSS property to change the border of an element to YUV 131.8020, -37.3704, -100.6814 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(17, 205, 56) }
```


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

```
.border{ border-color:rgb(17, 205, 56) }
```

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

Here you see how a box with a 4 pixel rgb(17, 205, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 205, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 205, 56);  
box-shadow:4px 4px 4px 4px rgb(17, 205,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 131.8020, -37.3704, -100.6814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 205, 56) }
```

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

```
.background{ background-color: rgb(17, 205,  
56) }
```

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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