

Converting Colors

YUV(133.1470, -60.7115,
-80.8129)

Have a look what the booklet for
YUV(133.1470, -60.7115, -80.8129)
contains.

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Color

**YUV(133.1470, -60.7115,
-80.8129)**

Conversions

Conversions Part 1

Format	Color
Hex	29CC0A
RGB	41, 204, 10
RGB Percent	16%, 80%, 4%
CMY	0.8392, 0.2000, 0.9608
CMYK	0.80, 0.00, 0.95, 0.20
HSL	110°, 91%, 42%
HSV	110°, 95%, 80%
XYZ	22.5621, 43.6791, 7.5289
YIQ	133.1470, -34.8740, -94.8900

Conversions

Conversions Part 2

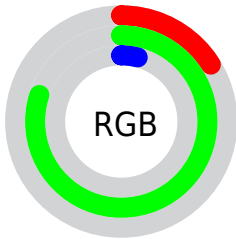
Format	Color
RYB	10, 204, 173
Decimal	2739210
CIELab	72.01, -69.78, 69.66
CIELCh	72, 98.598, 135.050
Yxy	43.6791, 0.3058, 0.5921
Android (android.graphics.Color)	4280929290 (0xFF29CC0A)
YUV	133.1470, -60.7115, -80.8129
Hunter-Lab	66.0901, -54.7207, 39.5088

Details

The YUV color **133.1470, -60.7115, -80.8129** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **80.8530, 60.7115, 80.8129**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.2440, -54.3503, -67.7430**, and **86.8760, -42.8299, -76.1903** is the 20% darker color. If you saturate the color by 10%, you get **129.6150, -63.9002, -84.7314**, and if you desaturate by 10%, it is **140.5100, -54.4814, -72.3613**.

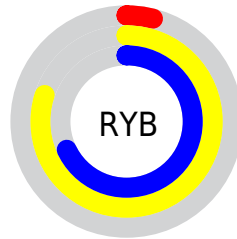
Distribution



Red (16%)

Green (80%)

Blue (4%)



Red (4%)

Yellow (80%)

Blue (68%)

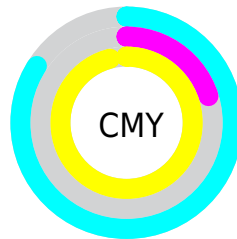


Cyan (80%)

Magenta (0%)

Yellow (95%)

Black (20%)



Cyan (84%)

Magenta (20%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.1470, -60.7115, -80.8129 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 133.1470, -60.7115, -80.8129 by changing the saturation by 10% instead.

■ 133.1470,
-60.7115, -80.8129

■ 133.1470,
-60.7115, -80.8129

■ 255.0000, 0.0000,
0.0000

■ 103.3120,
-50.9328, -90.6046

■ 194.2440,
-54.3503, -67.7430

■ 86.8760, -42.8299,
-76.1903

■ 207.1180,
-46.4002, -50.9695

■ 71.0270, -35.0163,
-62.2907

■ 219.9920,
-38.4501, -34.1960

■ 55.7650, -27.4921,
-48.9059

■ 232.4530,
-30.7893, -17.9373

■ 40.5030, -19.9680,
-35.5211

■ 245.0280,
-22.6918, -1.7786

■ 26.4150, -13.0226,
-23.1660

■ 252.0360,

■ 7.6310, -3.7621,

-11.3567, 2.5994

-6.6924

■ 0.0000, 0.0000,
0.0000

■ 133.1470,
-60.7115, -80.8129

■ 133.1470,
-60.7115, -80.8129

■ 129.6150,
-63.9002, -84.7314

■ 140.5100,
-54.4814, -72.3613

■ 147.9870,
-47.8146, -64.0096

■ 155.3500,
-41.5846, -55.5579

■ 163.1260,
-35.0651, -46.5915

■ 170.4890,
-28.8351, -38.1399

■ 177.8520,
-22.6050, -29.6882

■ 185.3290,
-15.9382, -21.3365

■ 192.6920, -9.7082,
-12.8849

■ 200.1690, -3.0413,
-4.5332

Harmonies

Analogous

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



160.8980, -79.3227, 8.8595



133.1470, -60.7115, -80.8129



138.9220, -5.8775, -121.8346

Triad

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



133.1470, -60.7115, -80.8129



146.4700, 53.5053, -128.4542



126.3820, 4.7417, 112.7980

Complementary

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



133.1470, -60.7115, -80.8129



80.8530, 60.7115, 80.8129

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.



143.5720, 40.1440, 97.7224



133.1470, -60.7115, -80.8129



130.0340, 61.6082, -114.0398

Square

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



133.1470, -60.7115, -80.8129



153.5140, 50.0326, -134.6318



173.5850, 40.1376, 52.9840



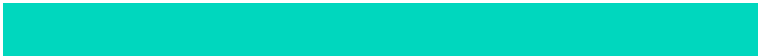
146.1730, -48.8923, 95.4413

Rectangle

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



133.1470, -60.7115, -80.8129



147.8650, 20.7726, -129.6776



173.5850, 40.1376, 52.9840



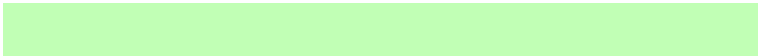
124.9920, 19.7239, 114.0170

Sweetspot

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



133.1470, -60.7115, -80.8129



228.0260, -23.1838, -30.7178



163.1000, -75.4783, 35.8693



111.5080, -14.0544, -18.8625



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.



133.1470, -60.7115, -80.8129



161.9440, -79.8384, -106.0679



131.2880, -27.7500, -106.3696



98.1690, -3.0413, -4.5332



105.2160, -51.8715, -69.4724



24.1000, -11.8813, -15.8737

Inverse Universe

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



80.8530, 60.7115, 80.8129



93.0560, 79.8384, 106.0679



82.7120, 27.7500, 106.3696



95.5320, 3.1887, 3.9184



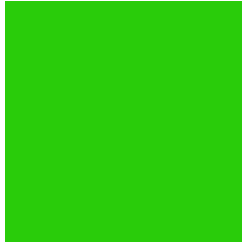
60.4850, 52.0189, 68.8577



13.9000, 11.8813, 15.8737

Previews

White Background



This preview shows how the YUV color 133.1470, -60.7115, -80.8129 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 133.1470, -60.7115, -80.8129 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 133.1470, -60.7115, -80.8129 Background



This preview shows how black text looks on a background with the YUV color 133.1470, -60.7115, -80.8129.



This preview shows how white text looks on a background with the YUV color 133.1470, -60.7115, -80.8129.

-80.8129.

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

133.1470, -60.7115, -80.8129

Protanopia

161.6280, -79.6826, 31.0212

Deuteranopia

168.3520, -60.8125, 45.2953



Tritanopia

162.7070, 20.8504, -61.1330

Trichromacy



Original Color

133.1470, -60.7115, -80.8129



Protanomaly

151.4980, -72.7165, -10.0837



Deuteranomaly

155.6530, -60.9609, -0.5727



Tritanomaly

151.8670, -8.8084, -68.2894

Monochromacy



Original Color

133.1470, -60.7115, -80.8129



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

133.2650, -22.3156, -29.1734

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1470, -60.7115, -80.8129 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(41, 204, 10)` looks like.

```
.text, #text, p{  
    color:rgb(41, 204, 10)  
}
```

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(41, 204, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 204, 10) }
```

Border

The CSS property to change the border of an element to YUV 133.1470, -60.7115, -80.8129 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(41, 204, 10) }
```


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

```
.border{ border-color:rgb(41, 204, 10) }
```

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

Here you see how a box with a 4 pixel rgb(41, 204, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 204, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 204, 10);  
box-shadow:4px 4px 4px 4px rgb(41, 204,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 133.1470, -60.7115, -80.8129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 204, 10) }
```

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

```
.background{ background-color: rgb(41, 204,  
10) }
```

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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