

Converting Colors

YUV(134.0450, -66.0842,
-84.2315)

Have a look what the booklet for
YUV(134.0450, -66.0842, -84.2315)
contains.

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Color

**YUV(134.0450, -66.0842,
-84.2315)**

Conversions

Conversions Part 1

Format	Color
Hex	26D100
RGB	38, 209, 0
RGB Percent	15%, 82%, 0%
CMY	0.8510, 0.1804, 1.0000
CMYK	0.82, 0.00, 1.00, 0.18
HSL	109°, 100%, 41%
HSV	109°, 100%, 82%
XYZ	23.5998, 46.0130, 7.6376
YIQ	134.0450, -34.8270, -101.2510

Conversions

Conversions Part 2

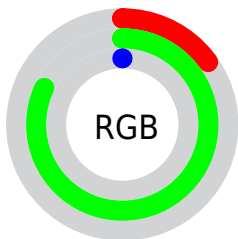
Format	Color
RYB	0, 209, 171
Decimal	2543872
CIELab	73.55, -71.75, 71.92
CIELCh	74, 101.588, 134.930
Yxy	46.0130, 0.3055, 0.5956
Android (android.graphics.Color)	4280733952 (0xFF26D100)
YUV	134.0450, -66.0842, -84.2315
Hunter-Lab	67.8329, -56.6055, 40.8073

Details

The YUV color **134.0450, -66.0842, -84.2315** 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 **74.9550, 66.0842, 84.2315**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.1300, -54.7871, -67.6430**, and **89.8110, -44.2768, -78.7642** is the 20% darker color. If you saturate the color by 10%, you get **134.0450, -66.0842, -84.2315**, and if you desaturate by 10%, it is **141.5220, -59.4173, -75.8798**.

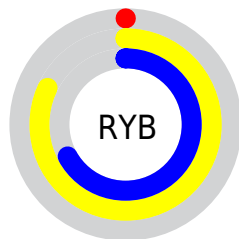
Distribution



Red (15%)

Green (82%)

Blue (0%)



Red (0%)

Yellow (82%)

Blue (67%)

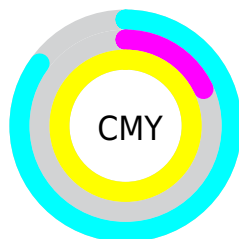


Cyan (82%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (85%)

Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.0450, -66.0842, -84.2315 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 134.0450, -66.0842, -84.2315 by changing the saturation by 10% instead.

■ 134.0450,
-66.0842, -84.2315

■ 134.0450,
-66.0842, -84.2315

■ 255.0000, 0.0000,
0.0000

■ 106.2470,
-52.3798, -93.1786

■ 194.1300,
-54.7871, -67.6430

■ 89.8110, -44.2768,
-78.7642

■ 207.3030,
-46.9844, -50.2547

■ 73.9620, -36.4633,
-64.8647

■ 219.8780,
-38.8869, -34.0960

■ 58.1130, -28.6497,
-50.9651

■ 232.3390,
-31.2261, -17.8373

■ 42.8510, -21.1255,
-37.5803

■ 245.2130,
-23.2760, -1.0638

■ 28.7630, -14.1802,
-25.2252

■ 251.9220,

■ 12.3270, -6.0772,

-11.7935, 2.6994

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 134.0450,
-66.0842, -84.2315

■ 141.5220,
-59.4173, -75.8798

■ 148.9990,
-52.7505, -67.5281

■ 156.4760,
-46.0837, -59.1765

■ 163.9530,
-39.4168, -50.8248

■ 171.4300,
-32.7500, -42.4731

■ 179.0920,
-26.6674, -33.4067

■ 186.5690,
-20.0005, -25.0550

■ 194.0460,
-13.3337, -16.7033

■ 201.5230, -6.6668,
-8.3517

Harmonies

Analogous

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



164.4420, -81.0699, 9.2594



134.0450, -66.0842, -84.2315



142.6720, -6.7403, -125.1233

Triad

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



134.0450, -66.0842, -84.2315



149.4050, 52.0583, -131.0282



124.3760, 7.2096, 114.5572

Complementary

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



134.0450, -66.0842, -84.2315



74.9550, 66.0842, 84.2315

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.



143.7830, 43.4910, 97.5373



134.0450, -66.0842, -84.2315



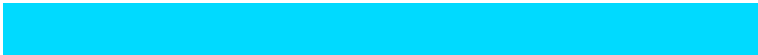
132.9690, 60.1613, -116.6138

Square

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



134.0450, -66.0842, -84.2315



157.0360, 48.2963, -137.7206



177.1400, 38.3850, 55.1282



146.7600, -49.1817, 94.9265

Rectangle

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



134.0450, -66.0842, -84.2315



151.2560, 21.0728, -132.6515



177.1400, 38.3850, 55.1282



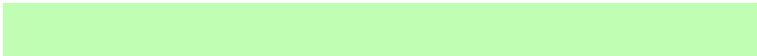
123.2140, 23.0655, 115.5763

Sweetspot

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



134.0450, -66.0842, -84.2315



227.4990, -23.9100, -31.1326



162.8680, -80.2939, 40.4578



111.3940, -14.4912, -18.7625



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.



134.0450, -66.0842, -84.2315



163.4390, -80.5754, -102.9940



130.2070, -31.6541, -114.1915



101.0550, -3.4781, -4.4332



107.8850, -53.1873, -67.4281



26.1600, -12.8969, -16.8033

Inverse Universe

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



74.9550, 66.0842, 84.2315



91.5610, 80.5754, 102.9940



78.7930, 31.6541, 114.1915



97.9450, 3.4781, 4.4332



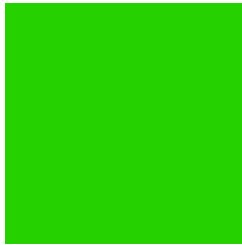
60.4140, 53.0399, 68.0429



14.5410, 13.0443, 16.1885

Previews

White Background



This preview shows how the YUV color 134.0450, -66.0842, -84.2315 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 134.0450, -66.0842, -84.2315 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 134.0450, -66.0842, -84.2315 Background



This preview shows how black text looks on a background with the YUV color 134.0450, -66.0842, -84.2315.



This preview shows how white text looks on a background with the YUV color 134.0450, -66.0842, -84.2315.

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



Protanopia

166.0580, -81.8666, 31.5211

Deuteranopia

172.1950, -62.7071, 46.3100

Tritanopia

165.9240, 21.7295, -63.0773

Trichromacy



Protanomaly

154.5750, -76.2055, -11.0283

Deuteranomaly

158.2570, -63.7237, -1.1024

Tritanomaly

154.2150, -9.9660, -70.3486

Monochromacy



Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.7980, -24.0574, -30.5178

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.0450, -66.0842, -84.2315 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(38, 209, 0)` looks like.

```
.text, #text, p{  
    color:rgb(38, 209, 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(38, 209, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 209, 0) }
```

Border

The CSS property to change the border of an element to YUV 134.0450, -66.0842, -84.2315 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(38, 209, 0) }
```

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

```
.border{ border-color:rgb(38, 209, 0) }
```

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

Here you see how a box with a 4 pixel rgb(38, 209, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 209, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 209, 0);  
box-shadow:4px 4px 4px 4px rgb(38, 209, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 134.0450, -66.0842, -84.2315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 209, 0) }
```

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

```
.background{ background-color: rgb(38, 209,  
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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