

Converting Colors

YUV(135.2740, -66.6901,
-76.5393)

Have a look what the booklet for
YUV(135.2740, -66.6901, -76.5393)
contains.

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Color

**YUV(135.2740, -66.6901,
-76.5393)**

Conversions

Conversions Part 1

Format	Color
Hex	30CE00
RGB	48, 206, 0
RGB Percent	19%, 81%, 0%
CMY	0.8118, 0.1922, 1.0000
CMYK	0.77, 0.00, 1.00, 0.19
HSL	106°, 100%, 40%
HSV	106°, 100%, 81%
XYZ	23.2902, 44.7710, 7.4141
YIQ	135.2740, -28.0420, -97.5620

Conversions

Conversions Part 2

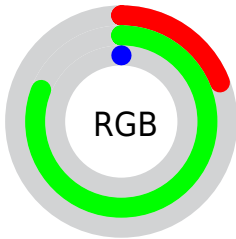
Format	Color
RYB	0, 206, 158
Decimal	3198464
CIELab	72.74, -69.62, 71.33
CIELCh	73, 99.675, 134.305
Yxy	44.7710, 0.3086, 0.5932
Android (android.graphics.Color)	4281388544 (0xFF30CE00)
YUV	135.2740, -66.6901, -76.5393
Hunter-Lab	66.9111, -54.9627, 40.2681

Details

The YUV color **135.2740, -66.6901, -76.5393** 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 **70.7260, 66.6901, 76.5393**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.5110, -55.9609, -64.4691**, and **88.0500, -43.4087, -77.2198** is the 20% darker color. If you saturate the color by 10%, you get **135.2740, -66.6901, -76.5393**, and if you desaturate by 10%, it is **142.4520, -59.8758, -68.8024**.

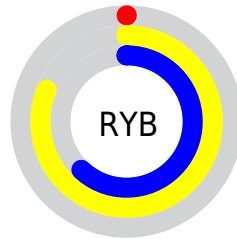
Distribution



Red (19%)

Green (81%)

Blue (0%)



Red (0%)

Yellow (81%)

Blue (62%)

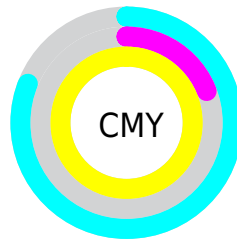


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (81%)

Magenta (19%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.2740, -66.6901, -76.5393 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 135.2740, -66.6901, -76.5393 by changing the saturation by 10% instead.

■ 135.2740,
-66.6901, -76.5393

■ 135.2740,
-66.6901, -76.5393

■ 255.0000, 0.0000,
0.0000

■ 104.4860,
-51.5116, -91.6342

■ 195.5110,
-55.9609, -64.4691

■ 88.0500, -43.4087,
-77.2198

■ 208.0860,
-47.8634, -48.3104

■ 72.2010, -35.5951,
-63.3203

■ 220.9600,
-39.9133, -31.5369

■ 56.9390, -28.0709,
-49.9355

■ 233.4210,
-32.2526, -15.2782

■ 41.6770, -20.5468,
-36.5507

■ 246.1100,
-23.7182, 0.7805

■ 27.5890, -13.6014,
-24.1956

■ 251.8080,

■ 9.9790, -4.9196,

-12.2303, 2.7994

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 135.2740,
-66.6901, -76.5393

■ 142.4520,
-59.8758, -68.8024

■ 149.5160,
-53.4984, -60.9655

■ 156.3950,
-46.5367, -53.8434

■ 163.4590,
-40.1593, -46.0065

■ 170.6370,
-33.3450, -38.2696

■ 177.8150,
-26.5308, -30.5328

■ 184.8790,
-20.1533, -22.6959

■ 191.7580,
-13.1917, -15.5738

■ 198.8220, -6.8142,
-7.7369

Harmonies

Analogous

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



162.6810, -80.2017, 10.8038



135.2740, -66.6901, -76.5393



140.4550, -7.6193, -123.1790

Triad

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



135.2740, -66.6901, -76.5393



148.2310, 52.6371, -129.9986



126.1370, 6.3415, 113.0129

Complementary

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



135.2740, -66.6901, -76.5393



70.7260, 66.6901, 76.5393

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.



145.3160, 41.7492, 96.1929



135.2740, -66.6901, -76.5393



131.7950, 60.7401, -115.5842

Square

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



135.2740, -66.6901, -76.5393



155.2750, 49.1644, -136.1762



175.3460, 39.2694, 51.4396



146.5150, -47.5819, 95.1413

Rectangle

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



135.2740, -66.6901, -76.5393



149.0390, 20.1938, -130.7072



175.3460, 39.2694, 51.4396



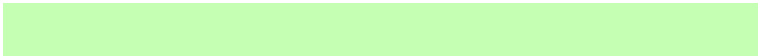
125.5620, 21.9079, 113.5171

Sweetspot

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



135.2740, -66.6901, -76.5393



228.6950, -24.4996, -28.6735



154.3400, -76.0896, 45.3058



111.9920, -14.7861, -17.5330



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.



135.2740, -66.6901, -76.5393



167.3260, -82.4917, -95.0019



127.1920, -35.5907, -111.5474



98.4680, -3.1887, -3.9184



109.1030, -53.7878, -61.4803



24.9970, -12.3235, -14.0294

Inverse Universe

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



70.7260, 66.6901, 76.5393



87.6740, 82.4917, 95.0019



78.8080, 35.5907, 111.5474



95.5320, 3.1887, 3.9184



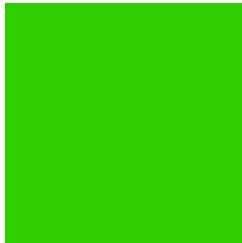
56.8970, 53.7878, 61.4803



13.0030, 12.3235, 14.0294

Previews

White Background



This preview shows how the YUV color 135.2740, -66.6901, -76.5393 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 135.2740, -66.6901, -76.5393 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 135.2740, -66.6901, -76.5393 Background



This preview shows how black text looks on a background with the YUV color 135.2740, -66.6901, -76.5393.



This preview shows how white text looks on a background with the YUV color 135.2740, -66.6901, -76.5393.

-76.5393.

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

163.6990, -80.7036, 31.8360

Deuteranopia

170.0100, -62.1229, 45.5952

Tritanopia

164.7180, 20.8450, -59.3887

Trichromacy



Protanomaly

153.7110, -75.7795, -7.6395

Deuteranomaly

157.5670, -63.8765, 1.2567

Tritanomaly

153.7210, -10.7085, -65.5303

Monochromacy



Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.1080, -24.2102, -28.1587

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.2740, -66.6901, -76.5393 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(48, 206, 0)` looks like.

```
.text, #text, p{  
    color:rgb(48, 206, 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(48, 206, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 206, 0) }
```

Border

The CSS property to change the border of an element to YUV 135.2740, -66.6901, -76.5393 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(48, 206, 0) }
```

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

```
.border{ border-color:rgb(48, 206, 0) }
```

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

Here you see how a box with a 4 pixel rgb(48, 206, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 206, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 206, 0);  
box-shadow:4px 4px 4px 4px rgb(48, 206, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 135.2740, -66.6901, -76.5393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 206, 0) }
```

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

```
.background{ background-color: rgb(48, 206,  
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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