

Converting Colors

YUV(140.1590, -69.0984,
-97.4864)

Have a look what the booklet for
YUV(140.1590, -69.0984, -97.4864)
contains.

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Color

**YUV(140.1590, -69.0984,
-97.4864)**

Conversions

Conversions Part 1

Format	Color
Hex	1DE000
RGB	29, 224, 0
RGB Percent	11%, 88%, 0%
CMY	0.8863, 0.1216, 1.0000
CMYK	0.87, 0.00, 1.00, 0.12
HSL	112°, 100%, 44%
HSV	112°, 100%, 88%
XYZ	27.1623, 53.5725, 8.9089
YIQ	140.1590, -44.3160, -111.0040

Conversions

Conversions Part 2

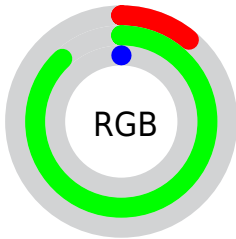
Format	Color
RYB	0, 224, 195
Decimal	1957888
CIELab	78.21, -76.74, 75.61
CIELCh	78, 107.732, 135.427
Yxy	53.5725, 0.3030, 0.5976
Android (android.graphics.Color)	4280147968 (0xFF1DE000)
YUV	140.1590, -69.0984, -97.4864
Hunter-Lab	73.1933, -61.8460, 44.0186

Details

The YUV color **140.1590, -69.0984, -97.4864** 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 **83.8410, 69.0984, 97.4864**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.7710, -53.6241, -67.3282**, and **98.0290, -48.3283, -85.9714** is the 20% darker color. If you saturate the color by 10%, you get **140.1590, -69.0984, -97.4864**, and if you desaturate by 10%, it is **148.6470, -62.4370, -87.3904**.

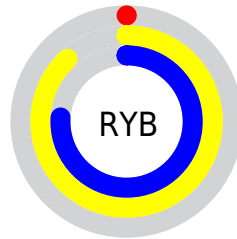
Distribution



Red (11%)

Green (88%)

Blue (0%)



Red (0%)

Yellow (88%)

Blue (76%)

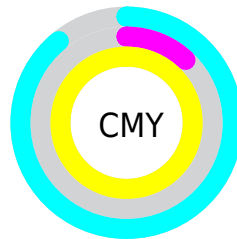


Cyan (87%)

Magenta (0%)

Yellow (100%)

Black (12%)



Cyan (89%)

Magenta (12%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.1590, -69.0984, -97.4864 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 140.1590, -69.0984, -97.4864 by changing the saturation by 10% instead.

■ 140.1590,
-69.0984, -97.4864

■ 140.1590,
-69.0984, -97.4864

■ 255.0000, 0.0000,
0.0000

■ 114.4650,
-56.4312, -100.3858

■ 194.7710,
-53.6241, -67.3282

■ 98.0290, -48.3283,
-85.9714

■ 207.9440,
-45.8214, -49.9399

■ 81.5930, -40.2253,
-71.5571

■ 220.9320,
-37.4345, -33.2664

■ 65.7440, -32.4118,
-57.6575

■ 233.8060,
-29.4844, -16.4929

■ 50.4820, -24.8876,
-44.2727

■ 246.6800,
-21.5342, 0.2806

■ 36.3940, -17.9422,
-31.9175

■ 252.4920, -9.6096,

■ 20.5450, -10.1287,

2.1995

-18.0180

■ 0.0000, 0.0000,
0.0000

■ 140.1590,
-69.0984, -97.4864

■ 148.6470,
-62.4370, -87.3904

■ 156.9500,
-55.1913, -78.0091

■ 165.4380,
-48.5299, -67.9131

■ 173.7410,
-41.2843, -58.5319

■ 182.2290,
-34.6229, -48.4358

■ 190.4180,
-27.8141, -38.9546

■ 199.0200,
-20.7159, -28.9585

■ 207.2090,
-13.9070, -19.4773

■ 215.8110, -6.8088,
-9.4812

Harmonies

Analogous

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



175.6500, -86.5954, 8.2000



140.1590, -69.0984, -97.4864



152.6170, -6.7132, -133.8451

Triad

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



140.1590, -69.0984, -97.4864



157.6230, 48.0069, -138.2354



126.4620, 10.1252, 112.7278

Complementary

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



140.1590, -69.0984, -97.4864



83.8410, 69.0984, 97.4864

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.



146.6670, 49.4642, 95.0080



140.1590, -69.0984, -97.4864



140.0130, 56.6886, -122.7914

Square

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



140.1590, -69.0984, -97.4864



165.8410, 43.9554, -145.4426



185.7340, 34.1481, 60.7463



151.4560, -51.4968, 90.8081

Rectangle

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



140.1590, -69.0984, -97.4864



162.4720, 23.4313, -142.4879



185.7340, 34.1481, 60.7463



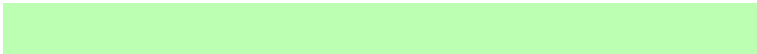
124.3540, 27.4335, 114.5765

Sweetspot

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



140.1590, -69.0984, -97.4864



226.3030, -23.3204, -33.5917



180.8540, -89.1610, 37.8390



110.7960, -14.1964, -19.9921



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.



140.1590, -69.0984, -97.4864



159.5520, -78.6591, -110.9861



140.8360, -29.0061, -123.5132



107.7560, -3.3307, -5.0480



110.1890, -54.3232, -76.4648



29.9700, -14.7752, -21.0217

Inverse Universe

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



83.8410, 69.0984, 97.4864



95.4480, 78.6591, 110.9861



83.1640, 29.0061, 123.5132



105.2440, 3.3307, 5.0480



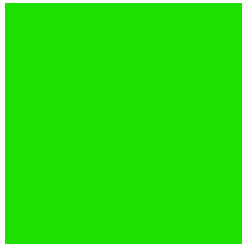
65.8110, 54.3232, 76.4648



18.0300, 14.7752, 21.0217

Previews

White Background



This preview shows how the YUV color 140.1590, -69.0984, -97.4864 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 140.1590, -69.0984, -97.4864 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 140.1590, -69.0984, -97.4864 Background



This preview shows how black text looks on a background with the YUV color 140.1590, -69.0984, -97.4864.



This preview shows how white text looks on a background with the YUV color 140.1590, -69.0984, -97.4864.

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

177.2880, -87.4030, 33.9504

Deuteranopia

184.3650, -67.2279, 49.6689

Tritanopia

176.7490, 23.7877, -69.9399

Trichromacy



Protanomaly

164.0000, -80.8520, -14.0320

Deuteranomaly

168.2090, -67.6440, -3.6913

Tritanomaly

163.4480, -10.0809, -80.1999

Monochromacy



Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.4230, -25.3515, -35.4510

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.1590, -69.0984, -97.4864 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(29, 224, 0)` looks like.

```
.text, #text, p{  
    color:rgb(29, 224, 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(29, 224, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 224, 0) }
```

Border

The CSS property to change the border of an element to YUV 140.1590, -69.0984, -97.4864 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(29, 224, 0) }
```

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

```
.border{ border-color:rgb(29, 224, 0) }
```

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

Here you see how a box with a 4 pixel rgb(29, 224, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 224, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 224, 0);  
box-shadow:4px 4px 4px 4px rgb(29, 224, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 140.1590, -69.0984, -97.4864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 224, 0) }
```

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

```
.background{ background-color: rgb(29, 224,  
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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