

Converting Colors

YUV(147.3370, -72.6371,
-129.2145)

Have a look what the booklet for
YUV(147.3370, -72.6371, -129.2145)
contains.

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Color

**YUV(147.3370, -72.6371,
-129.2145)**

Conversions

Conversions Part 1

Format	Color
Hex	00FB00
RGB	0, 251, 0
RGB Percent	0%, 98%, 0%
CMY	1.0000, 0.0157, 1.0000
CMYK	1.00, 0.00, 1.00, 0.02
HSL	120°, 100%, 49%
HSV	120°, 100%, 98%
XYZ	34.4972, 68.9944, 11.4991
YIQ	147.3370, -69.0250, -131.2730

Conversions

Conversions Part 2

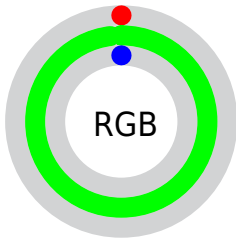
Format	Color
RYB	0, 251, 251
Decimal	64256
CIELab	86.50, -85.16, 82.19
CIELCh	87, 118.352, 136.016
Yxy	68.9944, 0.3000, 0.6000
Android (android.graphics.Color)	4278254336 (0xFF00FB00)
YUV	147.3370, -72.6371, -129.2145
Hunter-Lab	83.0628, -71.2264, 49.9360

Details

The YUV color **147.3370, -72.6371, -129.2145** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **103.6630, 72.6371, 129.2145**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.6400, -51.5875, -67.2133**, and **113.2910, -55.8525, -99.3562** is the 20% darker color. If you saturate the color by 10%, you get **147.3370, -72.6371, -129.2145**, and if you desaturate by 10%, it is **157.6620, -65.4024, -116.3446**.

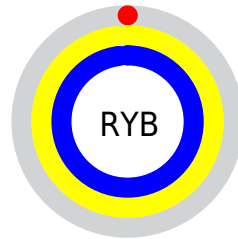
Distribution



Red (0%)

Green (98%)

Blue (0%)



Red (0%)

Yellow (98%)

Blue (98%)

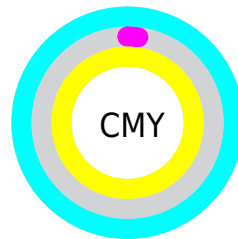


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (2%)



Cyan (100%)

Magenta (2%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.3370, -72.6371, -129.2145 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 147.3370, -72.6371, -129.2145 by changing the saturation by 10% instead.

■ 147.3370,
-72.6371, -129.2145

■ 147.3370,
-72.6371, -129.2145

■ 255.0000, 0.0000,
0.0000

■ 129.7270,
-63.9554, -113.7706

■ 195.6400,
-51.5875, -67.2133

■ 113.2910,
-55.8525, -99.3562

■ 209.6390,
-43.2060, -48.7954

■ 96.2680, -47.4601,
-84.4270

■ 223.2250,
-35.1139, -30.8923

■ 79.8320, -39.3572,
-70.0127

■ 236.5120,
-26.8744, -13.6040

■ 63.9830, -31.5436,
-56.1131

■ 249.6850,
-19.0717, 3.7843

■ 48.1340, -23.7301,
-42.2135

■ 253.5180, -5.6784,

■ 33.4590, -16.4953,

1.2997

-29.3435

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 147.3370,
-72.6371, -129.2145

■ 157.6620,
-65.4024, -116.3446

■ 167.9870,
-58.1676, -103.4746

■ 178.3120,
-50.9328, -90.6046

■ 188.6370,
-43.6980, -77.7346

■ 199.3750,
-36.1739, -64.3499

■ 209.7000,
-28.9391, -51.4799

■ 220.0250,
-21.7043, -38.6099

■ 230.3500,
-14.4695, -25.7399

■ 240.6750, -7.2348,
-12.8700

Harmonies

Analogous

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



196.3050, -96.7784, 7.6255



147.3370, -72.6371, -129.2145



167.6970, -4.7806, -147.0703

Triad

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



147.3370, -72.6371, -129.2145



172.8850, 40.4827, -151.6201



131.1070, 15.2302, 108.6542

Complementary

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



147.3370, -72.6371, -129.2145



103.6630, 72.6371, 129.2145

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.



149.9270, 51.8010, 92.1490



147.3370, -72.6371, -129.2145



152.3400, 50.6114, -133.6022

Square

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



147.3370, -72.6371, -129.2145



178.7550, 37.5888, -156.7681



194.5390, 29.8073, 53.0243



160.4890, -54.9641, 82.8861

Rectangle

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



147.3370, -72.6371, -129.2145



176.7030, 29.7264, -154.9685



194.5390, 29.8073, 53.0243



126.5200, 35.7326, 112.6770

Sweetspot

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



147.3370, -72.6371, -129.2145



223.6120, -21.9937, -39.1247



222.3860, -109.6363, 25.0945



109.0020, -13.3120, -23.6808



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.



147.3370, -72.6371, -129.2145



149.6850, -73.7947, -131.2737



161.7010, -17.6006, -141.8118



119.6310, -3.7621, -6.6924



110.9430, -54.6949, -97.2970



35.8070, -17.6529, -31.4027

Inverse Universe

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



103.6630, 72.6371, 129.2145



105.3150, 73.7947, 131.2737



89.4130, 18.0374, 141.7118



117.3690, 3.7621, 6.6924



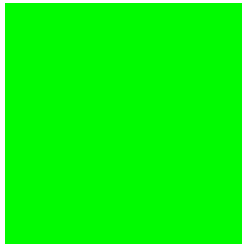
78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027

Previews

White Background



This preview shows how the YUV color 147.3370, -72.6371, -129.2145 looks on a white background.

Color Contrast Check

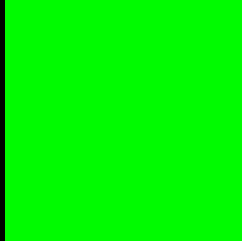
Large Text (above 18pt) WCAG AA × Fail

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 147.3370, -72.6371, -129.2145 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

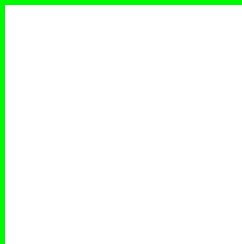
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 147.3370, -72.6371, -129.2145 Background



This preview shows how black text looks on a background with the YUV color 147.3370, -72.6371, -129.2145.



This preview shows how white text looks on a background with the YUV color 147.3370, -72.6371, -129.2145.

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

147.3370, -72.6371, -129.2145

Protanopia

198.5630, -97.8916, 38.0942

Deuteranopia

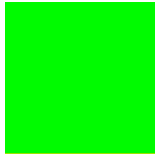
212.3460, -41.5826, 37.4076



Tritanopia

196.8940, 27.1673, -80.5910

Trichromacy



Original Color

147.3370, -72.6371, -129.2145



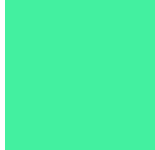
Protanomaly

179.8820, -88.6818, -22.6985



Deuteranomaly

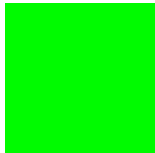
188.5730, -53.0335, -23.3045



Tritanomaly

179.1530, -9.4424, -98.3582

Monochromacy



Original Color

147.3370, -72.6371, -129.2145



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

147.4170, -26.3346, -46.8467

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.3370, -72.6371, -129.2145 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(0, 251, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 251, 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(0, 251, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 251, 0) }
```

Border

The CSS property to change the border of an element to YUV 147.3370, -72.6371, -129.2145 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(0, 251, 0) }
```


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

```
.border{ border-color:rgb(0, 251, 0) }
```

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

Here you see how a box with a 4 pixel rgb(0, 251, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 251, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 251, 0); box-shadow:4px  
4px 4px 4px rgb(0, 251, 0) }
```

Background

The CSS property to change the background color of an element to YUV 147.3370, -72.6371, -129.2145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 251, 0) }
```

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

```
.background{ background-color: rgb(0, 251,  
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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