

Converting Colors

YUV(150.5820, -74.2369,
-129.4294)

Have a look what the booklet for
YUV(150.5820, -74.2369, -129.4294)
contains.

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Color

**YUV(150.5820, -74.2369,
-129.4294)**

Conversions

Conversions Part 1

Format	Color
Hex	03FF00
RGB	3, 255, 0
RGB Percent	1%, 100%, 0%
CMY	0.9882, 0.0000, 1.0000
CMYK	0.99, 0.00, 1.00, 0.00
HSL	119°, 100%, 50%
HSV	119°, 100%, 100%
XYZ	35.7976, 71.5394, 11.9218
YIQ	150.5820, -68.3370, -132.7290

Conversions

Conversions Part 2

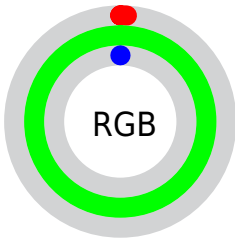
Format	Color
RYB	0, 255, 252
Decimal	261888
CIELab	87.75, -86.10, 83.19
CIELCh	88, 119.725, 135.983
Yxy	71.5394, 0.3002, 0.5999
Android (android.graphics.Color)	4278451968 (0xFF03FF00)
YUV	150.5820, -74.2369, -129.4294
Hunter-Lab	84.5809, -72.4693, 50.8497

Details

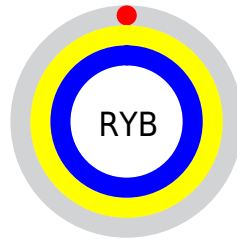
The YUV color **150.5820, -74.2369, -129.4294** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **104.4180, 74.2369, 129.4294**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.0530, -51.2981, -66.6985**, and **115.0520, -56.7206, -100.9006** is the 20% darker color. If you saturate the color by 10%, you get **150.5820, -74.2369, -129.4294**, and if you desaturate by 10%, it is **160.9070, -67.0022, -116.5594**.

Distribution



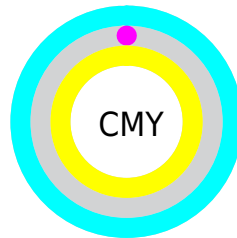
- Red (1%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (99%)



- Cyan (99%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (99%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.5820, -74.2369, -129.4294 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 150.5820, -74.2369, -129.4294 by changing the saturation by 10% instead.

■ 150.5820,
-74.2369, -129.4294

■ 150.5820,
-74.2369, -129.4294

■ 255.0000, 0.0000,
0.0000

■ 132.0750,
-65.1130, -115.8298

■ 196.0530,
-51.2981, -66.6985

■ 115.0520,
-56.7206, -100.9006

■ 210.3510,
-43.0640, -47.6658

■ 98.6160, -48.6177,
-86.4862

■ 223.9370,
-34.9719, -29.7627

■ 82.1800, -40.5147,
-72.0719

■ 237.2240,
-26.7324, -12.4744

■ 66.3310, -32.7012,
-58.1723

■ 250.2120,
-18.3455, 4.1991

■ 50.4820, -24.8876,
-44.2727

■ 253.6320, -5.2416,

■ 35.8070, -17.6529,

1.1997

-31.4027

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 150.5820,
-74.2369, -129.4294

■ 160.9070,
-67.0022, -116.5594

■ 171.3460,
-59.3306, -103.7894

■ 182.0840,
-51.8064, -90.4047

■ 192.4090,
-44.5716, -77.5347

■ 202.8480,
-36.9001, -64.7647

■ 213.1730,
-29.6653, -51.8947

■ 223.6120,
-21.9937, -39.1247

■ 234.2360,
-14.9063, -25.6400

■ 244.6750, -7.2348,
-12.8700

Harmonies

Analogous

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



199.5500, -98.3782, 7.4106



150.5820, -74.2369, -129.4294



167.9250, -3.9070, -147.2702

Triad

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



150.5820, -74.2369, -129.4294



175.2330, 39.3251, -153.6793



132.0360, 16.2513, 107.8394

Complementary

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



150.5820, -74.2369, -129.4294



104.4180, 74.2369, 129.4294

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.



151.1010, 51.2222, 91.1194



150.5820, -74.2369, -129.4294



154.6880, 49.4538, -135.6614

Square

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



150.5820, -74.2369, -129.4294



178.7550, 37.5888, -156.7681



196.3000, 28.9391, 51.4799



161.7770, -55.1061, 81.7566

Rectangle

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



150.5820, -74.2369, -129.4294



177.1590, 31.4736, -155.3684



196.3000, 28.9391, 51.4799



128.0360, 36.4643, 111.3474

Sweetspot

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



150.5820, -74.2369, -129.4294



223.6120, -21.9937, -39.1247



223.5820, -110.2259, 27.5536



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.



150.5820, -74.2369, -129.4294



163.7070, -20.0686, -143.5710



122.6310, -3.7621, -6.6924



112.7150, -55.5685, -97.0971



37.8670, -18.6684, -32.3324

Inverse Universe

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



104.4180, 74.2369, 129.4294



91.2930, 20.0686, 143.5710



120.0700, 3.9095, 6.0776



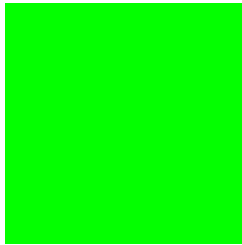
78.2850, 55.5685, 97.0971



26.1330, 18.6684, 32.3324

Previews

White Background



This preview shows how the YUV color 150.5820, -74.2369, -129.4294 looks on a white background.

Color Contrast Check

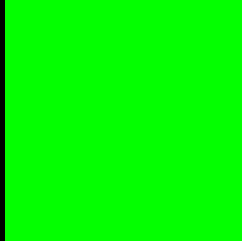
Large Text (above 18pt) WCAG AA × Fail

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 150.5820, -74.2369, -129.4294 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

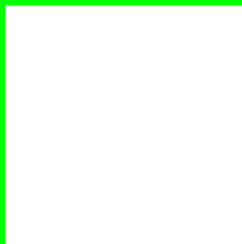
Any Text WCAG AAA ✓ Pass

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

YUV 150.5820, -74.2369, -129.4294 Background



This preview shows how black text looks on a background with the YUV color 150.5820, -74.2369, -129.4294.



This preview shows how white text looks on a background with the YUV color 150.5820, -74.2369, -129.4294.

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

150.5820, -74.2369, -129.4294

Protanopia

201.5200, -99.3494, 39.0090

Deuteranopia

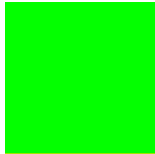
216.4040, -36.1882, 33.8487



Tritanopia

201.3890, 26.4302, -77.5172

Trichromacy



Original Color

150.5820, -74.2369, -129.4294



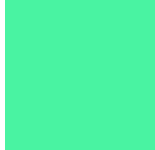
Protanomaly

182.8390, -90.1396, -21.7838



Deuteranomaly

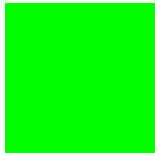
192.3600, -49.9705, -25.7487



Tritanomaly

182.9360, -10.3214, -96.4139

Monochromacy



Original Color

150.5820, -74.2369, -129.4294



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

150.8900, -27.0608, -47.2615

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.5820, -74.2369, -129.4294 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(3, 255, 0)` looks like.

```
.text, #text, p{  
    color:rgb(3, 255, 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(3, 255, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 255, 0) }
```

Border

The CSS property to change the border of an element to YUV 150.5820, -74.2369, -129.4294 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(3, 255, 0) }
```

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

```
.border{ border-color:rgb(3, 255, 0) }
```

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

Here you see how a box with a 4 pixel rgb(3, 255, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 255, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 255, 0); box-shadow:4px  
4px 4px 4px rgb(3, 255, 0) }
```

Background

The CSS property to change the background color of an element to YUV 150.5820, -74.2369, -129.4294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 255, 0) }
```

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

```
.background{ background-color: rgb(3, 255,  
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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