

Converting Colors

YUV(151.0880, -74.4864,
-49.1892)

Have a look what the booklet for
YUV(151.0880, -74.4864, -49.1892)
contains.

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Color

**YUV(151.0880, -74.4864,
-49.1892)**

Conversions

Conversions Part 1

Format	Color
Hex	5FD100
RGB	95, 209, 0
RGB Percent	37%, 82%, 0%
CMY	0.6275, 0.1804, 1.0000
CMYK	0.55, 0.00, 1.00, 0.18
HSL	93°, 100%, 41%
HSV	93°, 100%, 82%
XYZ	27.5198, 48.0338, 7.8210
YIQ	151.0880, -0.8550, -89.1670

Conversions

Conversions Part 2

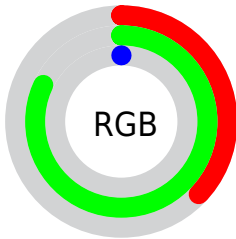
Format	Color
RYB	0, 209, 114
Decimal	6279424
CIELab	74.85, -60.80, 73.49
CIELCh	75, 95.383, 129.600
Yxy	48.0338, 0.3301, 0.5761
Android (android.graphics.Color)	4284469504 (0xFF5FD100)
YUV	151.0880, -74.4864, -49.1892
Hunter-Lab	69.3064, -50.4086, 41.8238

Details

The YUV color **151.0880, -74.4864, -49.1892** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **57.9120, 74.4864, 49.1892**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.0900, -60.6834, -43.0519**, and **92.2030, -45.4561, -73.8460** is the 20% darker color. If you saturate the color by 10%, you get **151.0880, -74.4864, -49.1892**, and if you desaturate by 10%, it is **156.7710, -66.9351, -44.5262**.

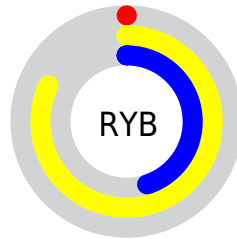
Distribution



Red (37%)

Green (82%)

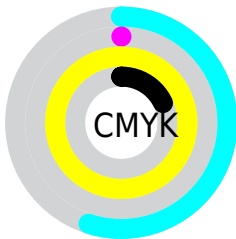
Blue (0%)



Red (0%)

Yellow (82%)

Blue (45%)

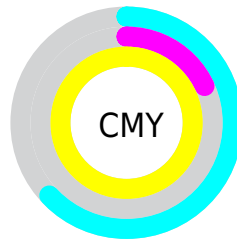


Cyan (55%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (63%)

Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.0880, -74.4864, -49.1892 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 151.0880, -74.4864, -49.1892 by changing the saturation by 10% instead.

■ 151.0880,
-74.4864, -49.1892

■ 151.0880,
-74.4864, -49.1892

■ 255.0000, 0.0000,
0.0000

■ 124.4860,
-61.3716, -55.6772

■ 206.0900,
-60.6834, -43.0519

■ 92.2030, -45.4561,
-73.8460

■ 218.3660,
-52.4384, -27.5080

■ 74.5490, -36.7527,
-65.3795

■ 230.6420,
-44.1935, -11.9640

■ 58.7000, -28.9391,
-51.4799

■ 243.2170,
-36.0960, 4.1947

■ 44.0250, -21.7043,
-38.6099

■ 248.6160,
-24.4607, 5.5988

■ 30.5240, -15.0483,
-26.7695

■ 252.0360,

■ 15.2620, -7.5242,

-11.3567, 2.5994

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 151.0880,
-74.4864, -49.1892

■ 156.7710,
-66.9351, -44.5262

■ 162.7530,
-59.5312, -39.2484

■ 168.4360,
-51.9799, -34.5854

■ 174.4180,
-44.5761, -29.3076

■ 180.1010,
-37.0248, -24.6446

■ 185.6700,
-29.9103, -19.8816

■ 191.6520,
-22.5064, -14.6038

■ 197.3350,
-14.9552, -9.9408

■ 203.3170, -7.5513,
-4.6630

Harmonies

Analogous

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



169.5470, -83.5867, 23.1993



151.0880, -74.4864, -49.1892



142.1190, -11.3977, -124.6384

Triad

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



151.0880, -74.4864, -49.1892



152.3400, 50.6114, -133.6022



139.0970, 10.3052, 101.6469

Complementary

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



151.0880, -74.4864, -49.1892



57.9120, 74.4864, 49.1892

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.



161.3420, 42.2294, 82.1381



151.0880, -74.4864, -49.1892



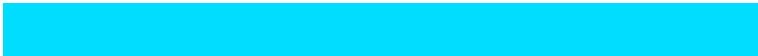
138.2520, 57.5568, -121.2470

Square

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



151.0880, -74.4864, -49.1892



158.7970, 47.4281, -139.2650



180.5520, 36.7029, 34.5959



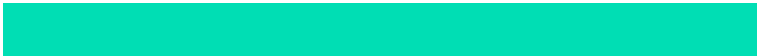
151.1260, -37.5301, 91.0975

Rectangle

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



151.0880, -74.4864, -49.1892



150.8340, 14.3788, -132.2814



180.5520, 36.7029, 34.5959



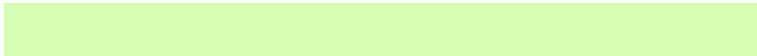
142.4030, 22.9723, 98.7476

Sweetspot

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



151.0880, -74.4864, -49.1892



233.7780, -27.0056, -18.2223



127.6480, -62.9305, 71.3457



114.9820, -16.2601, -11.3852



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.



151.0880, -74.4864, -49.1892



184.3690, -90.8939, -59.9596



123.4810, -57.4251, -108.2928



101.9520, -3.9203, -2.5889



121.6390, -59.9680, -39.1484



29.7480, -14.6658, -9.4260

Inverse Universe

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



57.9120, 74.4864, 49.1892



70.6310, 90.8939, 59.9596



85.5190, 57.4251, 108.2928



97.0480, 3.9203, 2.5889



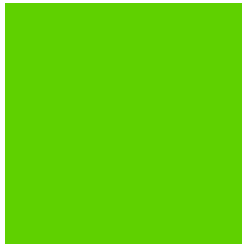
46.6600, 59.8206, 39.7632



11.2520, 14.6658, 9.4260

Previews

White Background



This preview shows how the YUV color 151.0880, -74.4864, -49.1892 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 151.0880, -74.4864, -49.1892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

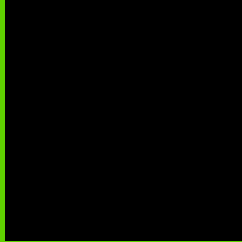
Any Text WCAG AA ✓ Pass

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 151.0880, -74.4864, -49.1892 Background



This preview shows how black text looks on a background with the YUV color 151.0880, -74.4864, -49.1892.



This preview shows how white text looks on a background with the YUV color 151.0880, -74.4864, -49.1892.

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

169.0150, -83.3244, 32.4358

Deuteranopia

175.8100, -65.4753, 47.5246

Tritanopia

175.1930, 17.1599, -44.0193

Trichromacy



Protanomaly

162.3380, -80.0326, 3.2116

Deuteranomaly

166.9660, -69.0032, 12.3078

Tritanomaly

166.1750, -15.8623, -45.7575

Monochromacy



Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.0770, -27.1530, -17.6075

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.0880, -74.4864, -49.1892 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(95, 209, 0)` looks like.

```
.text, #text, p{  
    color:rgb(95, 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(95, 209, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 209, 0) }
```

Border

The CSS property to change the border of an element to YUV 151.0880, -74.4864, -49.1892 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(95, 209, 0) }
```

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

```
.border{ border-color:rgb(95, 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(95, 209, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 209, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 209, 0);  
box-shadow:4px 4px 4px 4px rgb(95, 209, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 151.0880, -74.4864, -49.1892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 209, 0) }
```

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

```
.background{ background-color: rgb(95, 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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