

# Converting Colors

YUV(81.9030, 71.0398,  
-12.1929)

Have a look what the booklet for  
YUV(81.9030, 71.0398, -12.1929)  
contains.

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# Color

**YUV(81.9030, 71.0398,  
-12.1929)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	443DE2
RGB	68, 61, 226
RGB Percent	27%, 24%, 89%
CMY	0.7333, 0.7608, 0.1137
CMYK	0.70, 0.73, 0.00, 0.11
HSL	243°, 74%, 56%
HSV	243°, 73%, 89%
XYZ	17.7801, 10.0574, 72.9557
YIQ	81.9030, -48.7930, 52.7990

# Conversions

## Conversions Part 2

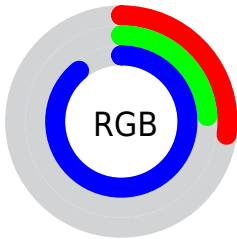
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	68, 61, 226
Decimal	4472290
CIE <sub>Lab</sub>	37.95, 53.44, -82.00
CIE <sub>LCh</sub>	38, 97.875, 303.090
Yxy	10.0574, 0.1764, 0.0998
Android (android.graphics.Color)	4282662370 (0xFF443DE2)
YUV	81.9030, 71.0398, -12.1929
Hunter-Lab	31.7134, 44.5774, -114.1952

# Details

The YUV color **81.9030, 71.0398, -12.1929** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **205.0970, -71.0398, 12.1929**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.8910, 59.2137, 0.9726**, and **26.8970, 70.0568, -23.5887** is the 20% darker color. If you saturate the color by 10%, you get **61.8240, 80.9388, -13.8776**, and if you desaturate by 10%, it is **101.9820, 61.1409, -10.5082**.

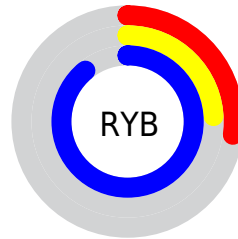
# Distribution



Red (27%)

Green (24%)

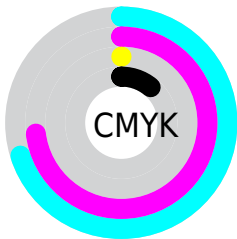
Blue (89%)



Red (27%)

Yellow (24%)

Blue (89%)

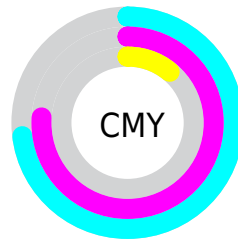


Cyan (70%)

Magenta (73%)

Yellow (0%)

Black (11%)



Cyan (73%)

Magenta (76%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 81.9030, 71.0398, -12.1929 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 81.9030, 71.0398, -12.1929 by changing the saturation by 10% instead.



■ 81.9030, 71.0398,  
-12.1929

■ 81.9030, 71.0398,  
-12.1929

■ 255.0000, 0.0000,  
0.0000

■ 46.8680, 74.0151,  
-33.2102

■ 134.8910, 59.2137,  
0.9726

■ 26.8970, 70.0568,  
-23.5887

■ 159.7210, 46.9725,  
7.2607

■ 16.1880, 62.0253,  
-14.1969

■ 184.8390, 34.5894,  
12.4192

■ 13.1100, 50.2318,  
-11.4975

■ 209.9570, 22.2062,  
17.5777

■ 17.1900, 35.4023,  
-15.0756

■ 233.8680, 10.4181,  
18.5328

■ 11.5190, 26.3661,  
-10.1022

■ 250.8910, 2.0257,

■ 6.5490, 17.4773,

3.6036

-5.7435

■ 2.8670, 8.4466,  
-2.5144

■ 0.0000, 0.0000,  
0.0000

■ 81.9030, 71.0398,  
-12.1929

■ 81.9030, 71.0398,  
-12.1929

■ 61.8240, 80.9388,  
-13.8776

■ 101.9820, 61.1409,  
-10.5082

■ 42.6310, 90.4009,  
-15.4624

■ 121.1750, 51.6787,  
-8.9235

■ 28.7540, 97.2423,  
-16.4473

■ 141.2540, 41.7798,  
-7.2388

■ 160.7460, 32.1702,  
-5.0392

■ 180.5260, 22.4187,  
-3.9693

■ 200.6050, 12.5197,  
-2.2846

■ 219.7980, 3.0576,  
-0.6998

■ 239.8770, -6.8414,  
0.9849

■ 251.6940,  
-12.6671, 2.8994

# Harmonies

## Analogous

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



88.1290, 81.2814, -77.2891



81.9030, 71.0398, -12.1929



73.2990, 44.2226, 96.2078

# Triad

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



81.9030, 71.0398, -12.1929



78.0870, -38.4969, 74.4687



79.0360, 8.3633, -69.3146

# Complementary

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



81.9030, 71.0398, -12.1929



205.0970, -71.0398, 12.1929

# 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.



66.9180, -32.9906, -58.6871



81.9030, 71.0398, -12.1929



83.6270, -41.2281, 16.9901

# Square

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



81.9030, 71.0398, -12.1929



61.8650, -28.0344, 125.5294



62.8090, -30.9648, -55.0835



89.3300, 42.7283, -78.3424



# Rectangle

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



81.9030, 71.0398, -12.1929



75.7430, 17.3817, 118.6204



62.8090, -30.9648, -55.0835



75.8440, -3.8671, -66.5152

# Sweetspot

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



81.9030, 71.0398, -12.1929



205.9820, 24.1659, -4.3692



173.7300, 25.7691, -98.8642



98.4740, 14.5563, -2.1697



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.



81.9030, 71.0398, -12.1929



59.2270, 96.5161, -16.8621



106.1220, 59.0999, 37.6040



102.2540, 4.8048, -1.0998



22.1570, 75.8446, -13.2927



6.0700, 20.6715, -3.5694



# Inverse Universe

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



128.3470, 44.6919, 85.6417



122.3720, 60.4556, 116.3148



180.8780, -59.0999, -37.6040



105.5430, 3.1833, 5.6628



71.7760, 47.4384, 91.4044

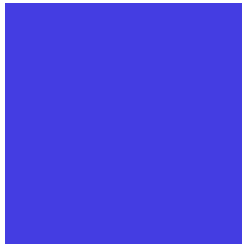


19.5960, 13.0172, 24.9103



# Previews

## White Background



This preview shows how the YUV color 81.9030, 71.0398, -12.1929 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

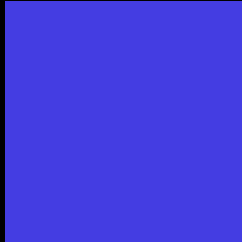
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 81.9030, 71.0398, -12.1929 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

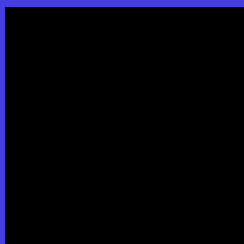
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 81.9030, 71.0398, -12.1929

## Background



This preview shows how black text looks on a background with the YUV color 81.9030, 71.0398, -12.1929.



This preview shows how white text looks on a background with the YUV color 81.9030, 71.0398, -12.1929.



# 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

81.9030, 71.0398, -12.1929

### Protanopia

71.0020, 53.7360, -62.2688

### Deuteranopia

70.9730, 40.9323, -62.2433



## Tritanopia

69.4960, 17.5035, -60.9480

# Trichromacy



## Original Color

81.9030, 71.0398, -12.1929

## Protanomaly

75.1320, 60.0809, -43.9658

## Deuteranomaly

74.9550, 51.7872, -43.8105

## Tritanomaly

74.3560, 36.7995, -43.2852

# Monochromacy



## Original Color

81.9030, 71.0398, -12.1929

## Achromatopsia

82.0000, 0.0000, 0.0000

## Achromatomaly

81.7370, 25.7657, -4.1543

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 81.9030, 71.0398, -12.1929 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(68, 61, 226)` looks like.

```
.text, #text, p{  
    color:rgb(68, 61, 226)  
}
```

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(68, 61, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 61, 226) }
```

## Border

The CSS property to change the border of an element to YUV 81.9030, 71.0398, -12.1929 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(68, 61, 226) }
```



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

```
.border{ border-color:rgb(68, 61, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 61, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 61, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 61, 226);  
box-shadow:4px 4px 4px 4px rgb(68, 61,  
226) }
```

# Background

The CSS property to change the background color of an element to YUV 81.9030, 71.0398, -12.1929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 61, 226) }
```

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

```
.background{ background-color: rgb(68, 61,  
226) }
```

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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