

# Converting Colors

YUV(82.2290, 83.6971, 34.8792)

Have a look what the booklet for  
YUV(82.2290, 83.6971, 34.8792)  
contains.

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# Color

**YUV(82.2290, 83.6971,  
34.8792)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 7A1DFC                     |
| RGB           | 122, 29, 252               |
| RGB Percent   | 48%, 11%, 99%              |
| CMY           | 0.5216, 0.8863, 0.0118     |
| CMYK          | 0.52, 0.88, 0.00, 0.01     |
| HSL           | 265°, 97%, 55%             |
| HSV           | 265°, 88%, 99%             |
| XYZ           | 26.0361, 12.0446, 93.0480  |
| YIQ           | 82.2290, -16.1550, 89.0690 |

# Conversions

## Conversions Part 2

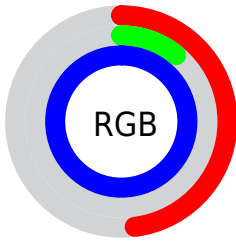
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>YB</sub>                     | 122, 29, 252                   |
| Decimal                             | 8003068                        |
| CIE Lab                             | 41.29, 77.80, -91.02           |
| CIE LCh                             | 41, 119.740, 310.521           |
| Yxy                                 | 12.0446, 0.1986,<br>0.0919     |
| Android<br>(android.graphics.Color) | 4286193148<br>(0xFF7A1DFC)     |
| YUV                                 | 82.2290, 83.6971,<br>34.8792   |
| Hunter-Lab                          | 34.7053, 73.1773,<br>-134.6681 |

# Details

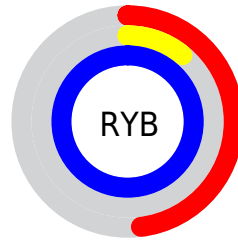
The YUV color **82.2290, 83.6971, 34.8792** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **198.7710, -83.6971, -34.8792**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6880, 57.3418, 41.4926**, and **36.4680, 77.6633, 10.1136** is the 20% darker color. If you saturate the color by 10%, you get **63.0690, 93.1430, 38.5275**, and if you desaturate by 10%, it is **101.3890, 74.2512, 31.2308**.

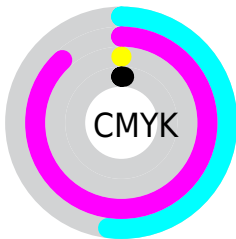
# Distribution



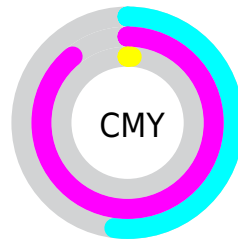
- Red (48%)
- Green (11%)
- Blue (99%)



- Red (48%)
- Yellow (11%)
- Blue (99%)



- Cyan (52%)
- Magenta (88%)
- Yellow (0%)
- Black (1%)



- Cyan (52%)
- Magenta (89%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 82.2290, 83.6971, 34.8792 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 82.2290, 83.6971, 34.8792 by changing the saturation by 10% instead.



82.2290, 83.6971,  
34.8792

82.2290, 83.6971,  
34.8792

255.0000, 0.0000,  
0.0000

51.7340, 84.4341,  
31.8053

138.6880, 57.3418,  
41.4926

36.4680, 77.6633,  
10.1136

164.3930, 44.6693,  
46.1363

18.9240, 72.5085,  
-16.5963

190.9840, 31.5599,  
50.8800

15.7320, 60.2781,  
-13.7970

209.2140, 22.5725,  
40.1543

12.6540, 48.4846,  
-11.0976

226.2370, 14.1802,  
25.2252

16.8480, 34.0919,  
-14.7757

243.8470, 5.4984,

10.5900, 25.3451,

9.7812

-9.2874

■ 6.2070, 16.1669,  
-5.4435

■ 2.4110, 6.6994,  
-2.1144

■ 82.2290, 83.6971,  
34.8792

■ 82.2290, 83.6971,  
34.8792

■ 63.0690, 93.1430,  
38.5275

■ 101.3890, 74.2512,  
31.2308

■ 60.1230, 94.5954,  
39.3571

■ 120.2500, 64.9527,  
26.9677

■ 139.9970, 55.2175,  
22.8046

■ 159.1570, 45.7716,  
19.1563

■ 178.0180, 36.4731,  
14.8932

■ 197.1780, 27.0272,  
11.2449

■ 216.3380, 17.5814,  
7.5966

■ 236.0850, 7.8461,  
3.4335

254.3590, -1.1630,  
-0.3148

# Harmonies

## Analogous

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



90.7050, 80.9974, -79.5483



82.2290, 83.6971, 34.8792



87.3950, 38.7523, 124.1876

# Triad

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



82.2290, 83.6971, 34.8792



88.0990, -43.4328, 70.9502



90.7710, 20.3259, -79.6062

# Complementary

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



82.2290, 83.6971, 34.8792



198.7710, -83.6971, -34.8792

# 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.



75.9000, -29.0377, -66.5643



82.2290, 83.6971, 34.8792



87.6480, -43.2105, -0.5683

# Square

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



82.2290, 83.6971, 34.8792



67.8730, -33.4614, 139.5544



71.0270, -35.0163, -62.2907



103.3620, 60.9535, -90.6485



# Rectangle

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



82.2290, 83.6971, 34.8792



86.5630, 7.1174, 144.2112



71.0270, -35.0163, -62.2907



86.1940, 5.3274, -75.5921

# Sweetspot

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



82.2290, 83.6971, 34.8792



202.5370, 25.8643, 10.9301



130.7320, 59.7851, -89.2190



96.7570, 15.4028, 6.3521



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.



82.2290, 83.6971, 34.8792



60.7640, 95.7583, 39.6720



115.4180, 67.3349, 103.1194



115.2760, 4.7939, 2.3889



45.1670, 70.9097, 29.6715



14.7280, 22.8121, 9.8855



# Inverse Universe

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



110.4970, 23.9120, 124.0981



93.2310, 27.4941, 141.8714



165.5820, -67.3349, -103.1194



116.7990, 1.5781, 7.1923



69.0510, 20.1879, 105.1953

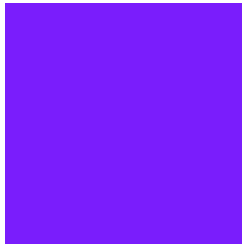


22.3430, 6.7329, 33.9022



# Previews

## White Background



This preview shows how the YUV color 82.2290, 83.6971, 34.8792 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

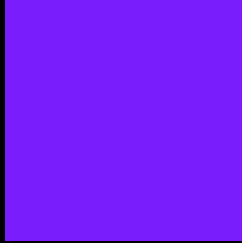
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 82.2290, 83.6971, 34.8792 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 82.2290, 83.6971, 34.8792

## Background



This preview shows how black text looks on a background with the YUV color 82.2290, 83.6971, 34.8792.



This preview shows how white text looks on a background with the YUV color 82.2290, 83.6971,



# 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

82.2290, 83.6971, 34.8792

### Protanopia

77.6360, 58.8465, -68.0868

### Deuteranopia

77.9660, 44.8798, -68.3762



## Tritanopia

95.3340, 6.7373, -14.3249

# Trichromacy



## Original Color

82.2290, 83.6971, 34.8792

## Protanomaly

78.9840, 68.0419, -30.6810

## Deuteranomaly

79.2800, 59.0220, -30.9406

## Tritanomaly

90.7840, 34.6165, 3.6974

# Monochromacy



## Original Color

82.2290, 83.6971, 34.8792

## Achromatopsia

82.0000, 0.0000, 0.0000

## Achromatomaly

82.4000, 30.3688, 12.8042

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 82.2290, 83.6971, 34.8792 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(122, 29, 252)` looks like.

```
.text, #text, p{  
    color:rgb(122, 29, 252)  
}
```

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(122, 29, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 29, 252) }
```

## Border

The CSS property to change the border of an element to YUV 82.2290, 83.6971, 34.8792 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(122, 29, 252) }
```



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

```
.border{ border-color:rgb(122, 29, 252) }
```

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

Here you see how a box with a 4 pixel rgb(122, 29, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 29, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 29, 252);  
box-shadow:4px 4px 4px 4px rgb(122, 29,  
252) }
```

# Background

The CSS property to change the background color of an element to YUV 82.2290, 83.6971, 34.8792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 29, 252) }
```

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

```
.background{ background-color: rgb(122, 29,  
252) }
```

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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