

Converting Colors

YUV(88.9290, 81.8730, 13.2173)

Have a look what the booklet for
YUV(88.9290, 81.8730, 13.2173)
contains.

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Color

**YUV(88.9290, 81.8730,
13.2173)**

Conversions

Conversions Part 1

Format	Color
Hex	6831FF
RGB	104, 49, 255
RGB Percent	41%, 19%, 100%
CMY	0.5922, 0.8078, 0.0000
CMYK	0.59, 0.81, 0.00, 0.00
HSL	256°, 100%, 60%
HSV	256°, 81%, 100%
XYZ	24.8572, 12.3597, 95.6833
YIQ	88.9290, -33.3460, 75.7260

Conversions

Conversions Part 2

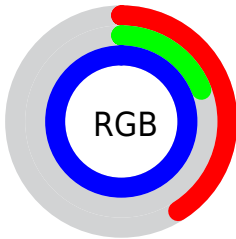
Format	Color
R_{YB}	104, 49, 255
Decimal	6828543
CIE _{Lab}	41.78, 70.69, -91.94
CIE _{LCh}	42, 115.975, 307.554
Yxy	12.3597, 0.1870, 0.0930
Android (android.graphics.Color)	4285018623 (0xFF6831FF)
YUV	88.9290, 81.8730, 13.2173
Hunter-Lab	35.1563, 64.6845, -136.7572

Details

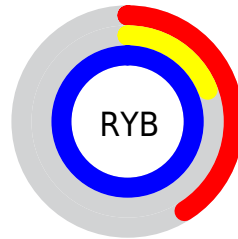
The YUV color **88.9290, 81.8730, 13.2173** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **215.0710, -81.8730, -13.2173**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.9480, 56.2276, 25.4786**, and **22.4580, 86.0492, -19.6957** is the 20% darker color. If you saturate the color by 10%, you get **68.5730, 91.9085, 14.4065**, and if you desaturate by 10%, it is **109.8720, 71.5481, 11.5133**.

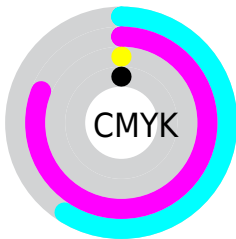
Distribution



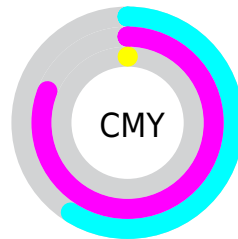
- Red (41%)
- Green (19%)
- Blue (100%)



- Red (41%)
- Yellow (19%)
- Blue (100%)



- Cyan (59%)
- Magenta (81%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (81%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.9290, 81.8730, 13.2173 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 88.9290, 81.8730, 13.2173 by changing the saturation by 10% instead.

■ 88.9290, 81.8730,
13.2173

■ 88.9290, 81.8730,
13.2173

■ 255.0000, 0.0000,
0.0000

■ 54.8900, 84.3572,
9.7435

■ 140.9480, 56.2276,
25.4786

■ 22.4580, 86.0492,
-19.6957

■ 166.3650, 43.6971,
31.2519

■ 19.1520, 73.3821,
-16.7963

■ 192.0700, 31.0245,
35.8956

■ 16.0740, 61.5885,
-14.0969

■ 215.0840, 19.6786,
35.0063

■ 12.9960, 49.7950,
-11.3975

■ 232.1070, 11.2862,
20.0772

■ 17.6630, 34.6761,
-15.4905

■ 249.1300, 2.8939,

■ 11.4050, 25.9293,

5.1480

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 88.9290, 81.8730,
13.2173

■ 88.9290, 81.8730,
13.2173

■ 68.5730, 91.9085,
14.4065

■ 109.8720, 71.5481,
11.5133

■ 49.4020, 101.3598,
16.3104

■ 129.9290, 61.6600,
9.7093

■ 150.8720, 51.3351,
8.0053

■ 171.2280, 41.2996,
6.8160

■ 191.8720, 31.1221,
4.4973

■ 212.2280, 21.0866,
3.3080

■ 233.1710, 10.7617,
1.6040

■ 253.5270, 0.7262,
0.4148

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



93.0530, 79.8399, -81.6075



88.9290, 81.8730, 13.2173



85.9150, 43.4259, 118.4695

Triad

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



88.9290, 81.8730, 13.2173



87.8440, -43.3071, 77.3128



90.2180, 15.6685, -79.1212

Complementary

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



88.9290, 81.8730, 13.2173



215.0710, -81.8730, -13.2173

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.



74.6630, -36.3159, -65.4795



88.9290, 81.8730, 13.2173



90.6490, -44.6900, 7.3238

Square

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



88.9290, 81.8730, 13.2173



68.4710, -33.7562, 140.7839



71.0270, -35.0163, -62.2907



102.1080, 56.1488, -89.5487

Rectangle

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



88.9290, 81.8730, 13.2173



86.5070, 12.0750, 140.7524



71.0270, -35.0163, -62.2907



85.7550, 1.1068, -75.2071

Sweetspot

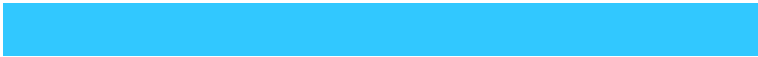
The Sweet Spot groups the original color and five complimentary colors.



88.9290, 81.8730, 13.2173



205.7380, 24.2862, 3.7378



161.1210, 46.2823, -98.3301



97.9090, 14.8349, 1.8338



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.



88.9290, 81.8730, 13.2173



55.8920, 98.1602, 15.8807



119.7260, 66.6901, 76.5393



117.3790, 5.2362, 0.5446



37.0230, 75.9107, 12.2578



12.3790, 25.4492, 4.0526

Inverse Universe

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



127.8080, 35.5907, 111.5474



102.4870, 42.6509, 133.7539



184.2740, -66.6901, -76.5393



119.9130, 2.0149, 7.0923



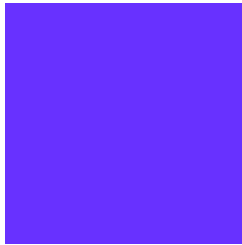
73.0690, 32.9970, 103.4255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 88.9290, 81.8730, 13.2173 looks on a white background.

Color Contrast Check

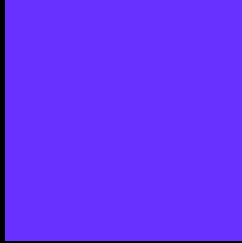
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.9290, 81.8730, 13.2173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

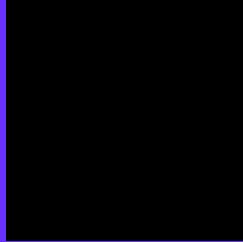
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.9290, 81.8730, 13.2173

Background



This preview shows how black text looks on a background with the YUV color 88.9290, 81.8730, 13.2173.



This preview shows how white text looks on a background with the YUV color 88.9290, 81.8730,

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

88.9290, 81.8730, 13.2173

Protanopia

78.4510, 59.4307, -68.8015

Deuteranopia

78.6670, 45.0272, -68.9910



Tritanopia

88.2920, 13.6600, -41.4751

Trichromacy



Original Color

88.9290, 81.8730, 13.2173

Protanomaly

82.1140, 67.4848, -38.6880

Deuteranomaly

82.4100, 58.4649, -38.9476

Tritanomaly

88.6560, 38.6236, -21.6233

Monochromacy



Original Color

88.9290, 81.8730, 13.2173

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.5300, 29.8117, 4.7972

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.9290, 81.8730, 13.2173 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(104, 49, 255)` looks like.

```
.text, #text, p{  
    color:rgb(104, 49, 255)  
}
```

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(104, 49, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 49, 255) }
```

Border

The CSS property to change the border of an element to YUV 88.9290, 81.8730, 13.2173 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(104, 49, 255) }
```


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

```
.border{ border-color:rgb(104, 49, 255) }
```

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

Here you see how a box with a 4 pixel rgb(104, 49, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 49, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 49, 255);  
box-shadow:4px 4px 4px 4px rgb(104, 49,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 88.9290, 81.8730, 13.2173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 49, 255) }
```

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

```
.background{ background-color: rgb(104, 49,  
255) }
```

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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