

Converting Colors

YUV(88.6630, 82.0041, 17.8355)

Have a look what the booklet for
YUV(88.6630, 82.0041, 17.8355)
contains.

YUV(88.6630, 82.0041, 17.8355)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(88.6630, 82.0041,
17.8355)**

Conversions

Conversions Part 1

Format	Color
Hex	6D2EFF
RGB	109, 46, 255
RGB Percent	43%, 18%, 100%
CMY	0.5725, 0.8196, 0.0000
CMYK	0.57, 0.82, 0.00, 0.00
HSL	258°, 100%, 59%
HSV	258°, 82%, 100%
XYZ	25.3337, 12.4252, 95.6708
YIQ	88.6630, -29.5410, 78.3550

Conversions

Conversions Part 2

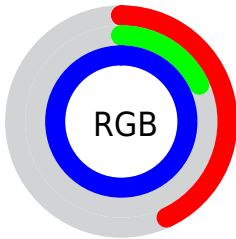
Format	Color
R _{YB}	109, 46, 255
Decimal	7155455
CIE Lab	41.88, 72.28, -91.76
CIE LCh	42, 116.807, 308.227
Yxy	12.4252, 0.1899, 0.0931
Android (android.graphics.Color)	4285345535 (0xFF6D2EFF)
YUV	88.6630, 82.0041, 17.8355
Hunter-Lab	35.2494, 66.6011, -136.2451

Details

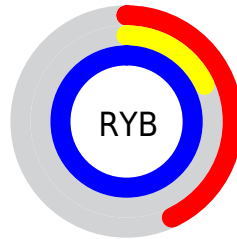
The YUV color **88.6630, 82.0041, 17.8355** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **212.3370, -82.0041, -17.8355**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.9700, 56.2168, 28.9673**, and **27.5410, 83.5433, -9.2445** is the 20% darker color. If you saturate the color by 10%, you get **68.6060, 91.8922, 19.6395**, and if you desaturate by 10%, it is **109.3070, 71.8266, 15.5168**.

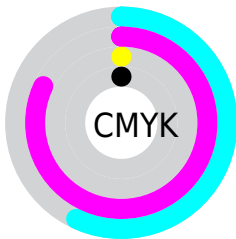
Distribution



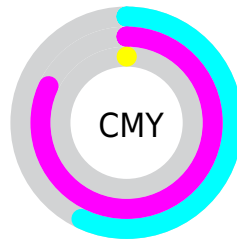
- Red (43%)
- Green (18%)
- Blue (100%)



- Red (43%)
- Yellow (18%)
- Blue (100%)



- Cyan (57%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (82%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.6630, 82.0041, 17.8355 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 88.6630, 82.0041, 17.8355 by changing the saturation by 10% instead.

■ 88.6630, 82.0041,
17.8355

■ 88.6630, 82.0041,
17.8355

■ 255.0000, 0.0000,
0.0000

■ 51.9880, 85.7879,
17.5505

■ 140.9700, 56.2168,
28.9673

■ 27.5410, 83.5433,
-9.2445

■ 166.3870, 43.6862,
34.7406

■ 19.1520, 73.3821,
-16.7963

■ 192.0920, 31.0136,
39.3843

■ 16.0740, 61.5885,
-14.0969

■ 213.9100, 20.2574,
36.0359

■ 12.9960, 49.7950,
-11.3975

■ 230.9330, 11.8650,
21.1068

■ 17.6630, 34.6761,
-15.4905

■ 247.9560, 3.4727,

■ 11.4050, 25.9293,

6.1776

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 88.6630, 82.0041,
17.8355

■ 88.6630, 82.0041,
17.8355

■ 68.6060, 91.8922,
19.6395

■ 109.3070, 71.8266,
15.5168

■ 52.0930, 100.0332,
21.8434

■ 129.3640, 61.9385,
13.7128

■ 149.7090, 51.9085,
10.7792

■ 169.7660, 42.0204,
8.9752

■ 190.4100, 31.8429,
6.6564

■ 210.4670, 21.9548,
4.8524

■ 231.1110, 11.7773,
2.5337

■ 251.1680, 1.8892,
0.7297

■ 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.



92.4660, 80.1293, -81.0927



88.6630, 82.0041, 17.8355



86.3990, 42.6943, 119.7991

Triad

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



88.6630, 82.0041, 17.8355



88.7190, -43.7385, 75.6684



90.4460, 16.5421, -79.3211

Complementary

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



88.6630, 82.0041, 17.8355



212.3370, -82.0041, -17.8355

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.



75.2330, -34.1319, -65.9793



88.6630, 82.0041, 17.8355



90.6380, -44.6845, 5.5795

Square

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



88.6630, 82.0041, 17.8355



68.7700, -33.9036, 141.3987



71.0270, -35.0163, -62.2907



103.0370, 57.1698, -90.3634

Rectangle

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



88.6630, 82.0041, 17.8355



86.9910, 11.3434, 142.0819



71.0270, -35.0163, -62.2907



86.0970, 2.4172, -75.5071

Sweetspot

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



88.6630, 82.0041, 17.8355



203.9770, 25.1543, 5.2822



155.5280, 49.0397, -96.0561



97.0340, 15.2662, 3.4782



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.



88.6630, 82.0041, 17.8355



55.9250, 98.1440, 21.1138



119.7590, 66.6738, 81.7724



117.6780, 5.0887, 1.1594



39.1160, 74.8788, 16.5613



12.9770, 25.1543, 5.2822

Inverse Universe

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



125.1350, 32.9644, 113.8916



99.7000, 39.5879, 136.1981



181.2410, -66.6738, -81.7724



119.9130, 2.0149, 7.0923



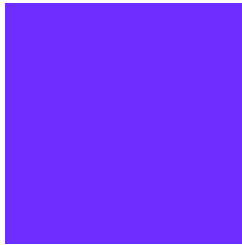
72.3850, 30.3762, 104.0254



24.2660, 10.2219, 34.8467

Previews

White Background



This preview shows how the YUV color 88.6630, 82.0041, 17.8355 looks on a white background.

Color Contrast Check

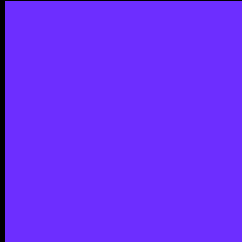
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.6630, 82.0041, 17.8355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

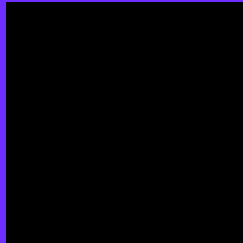
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.6630, 82.0041, 17.8355

Background



This preview shows how black text looks on a background with the YUV color 88.6630, 82.0041, 17.8355.



This preview shows how white text looks on a background with the YUV color 88.6630, 82.0041,

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

88.6630, 82.0041, 17.8355

Protanopia

78.5650, 59.8675, -68.9015

Deuteranopia

78.6670, 45.0272, -68.9910



Tritanopia

91.4780, 11.5963, -32.8682

Trichromacy



Original Color

88.6630, 82.0041, 17.8355

Protanomaly

82.2390, 67.9162, -37.0436

Deuteranomaly

82.4210, 58.4594, -37.2032

Tritanomaly

90.3580, 37.2915, -14.3460

Monochromacy



Original Color

88.6630, 82.0041, 17.8355

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.5410, 29.8063, 6.5415

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.6630, 82.0041, 17.8355 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(109, 46, 255)` looks like.

```
.text, #text, p{  
    color:rgb(109, 46, 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(109, 46, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 46, 255) }
```

Border

The CSS property to change the border of an element to YUV 88.6630, 82.0041, 17.8355 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(109, 46, 255) }
```


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

```
.border{ border-color:rgb(109, 46, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 46, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 46, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 46, 255);  
box-shadow:4px 4px 4px 4px rgb(109, 46,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 88.6630, 82.0041, 17.8355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 46, 255) }
```

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

```
.background{ background-color: rgb(109, 46,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor