

Converting Colors

YUV(88.1990, 82.2329, -8.9445)

Have a look what the booklet for
YUV(88.1990, 82.2329, -8.9445)
contains.

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Color

**YUV(88.1990, 82.2329,
-8.9445)**

Conversions

Conversions Part 1

Format	Color
Hex	4E3DFF
RGB	78, 61, 255
RGB Percent	31%, 24%, 100%
CMY	0.6941, 0.7608, 0.0000
CMYK	0.69, 0.76, 0.00, 0.00
HSL	245°, 100%, 62%
HSV	245°, 76%, 100%
XYZ	22.8606, 12.1772, 95.7533
YIQ	88.1990, -52.1420, 63.9380

Conversions

Conversions Part 2

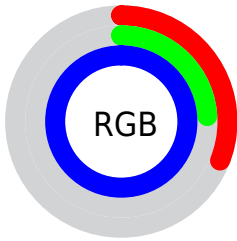
Format	Color
R _Y B	78, 61, 255
Decimal	5127679
CIE Lab	41.50, 63.12, -92.48
CIE LCh	41, 111.968, 304.313
Yxy	12.1772, 0.1748, 0.0931
Android (android.graphics.Color)	4283317759 (0xFF4E3DFF)
YUV	88.1990, 82.2329, -8.9445
Hunter-Lab	34.8958, 55.8696, -138.2632

Details

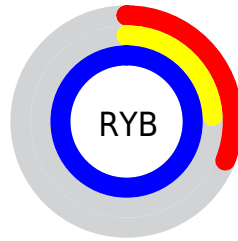
The YUV color **88.1990, 82.2329, -8.9445** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **227.8010, -82.2329, 8.9445**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.3650, 57.0081, 8.4499**, and **25.3930, 84.6023, -22.2697** is the 20% darker color. If you saturate the color by 10%, you get **66.0600, 93.1474, -9.6996**, and if you desaturate by 10%, it is **110.3380, 71.3184, -8.1894**.

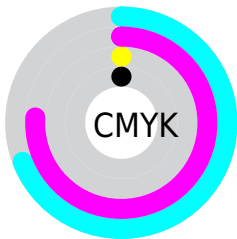
Distribution



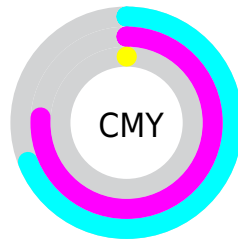
- Red (31%)
- Green (24%)
- Blue (100%)



- Red (31%)
- Yellow (24%)
- Blue (100%)



- Cyan (69%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (76%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.1990, 82.2329, -8.9445 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 88.1990, 82.2329, -8.9445 by changing the saturation by 10% instead.

■ 88.1990, 82.2329,
-8.9445

■ 88.1990, 82.2329,
-8.9445

■ 255.0000, 0.0000,
0.0000

■ 52.8870, 85.3447,
-27.0879

■ 139.3650, 57.0081,
8.4499

■ 25.3930, 84.6023,
-22.2697

■ 165.0810, 44.3301,
14.8380

■ 19.1520, 73.3821,
-16.7963

■ 190.4980, 31.7995,
20.6113

■ 16.0740, 61.5885,
-14.0969

■ 216.2030, 19.1269,
25.2550

■ 13.5830, 49.5056,
-11.9123

■ 235.6290, 9.5499,
16.9884

■ 17.6630, 34.6761,
-15.4905

■ 252.6520, 1.1576,

■ 11.4050, 25.9293,

2.0592

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 88.1990, 82.2329,
-8.9445

■ 88.1990, 82.2329,
-8.9445

■ 66.0600, 93.1474,
-9.6996

■ 110.3380, 71.3184,
-8.1894

■ 44.2090, 103.9200,
-11.5843

■ 132.1890, 60.5458,
-6.3048

■ 35.6480, 108.1405,
-11.9693

■ 154.3280, 49.6313,
-5.5497

■ 175.8800, 39.0062,
-4.2798

■ 198.0190, 28.0916,
-3.5247

■ 219.8700, 17.3191,
-1.6400

■ 242.0090, 6.4046,
-0.8849

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.



93.6400, 79.5505, -82.1223



88.1990, 82.2329, -8.9445



83.0110, 47.8156, 110.4924

Triad

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



88.1990, 82.2329, -8.9445



85.5180, -42.1604, 82.8607



87.6760, 11.0057, -76.8919

Complementary

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



88.1990, 82.2329, -8.9445



227.8010, -82.2329, 8.9445

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.



73.3750, -36.1739, -64.3499



88.1990, 82.2329, -8.9445



90.9920, -44.8591, 14.9160

Square

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



88.1990, 82.2329, -8.9445



68.4710, -33.7562, 140.7839



69.2660, -34.1481, -60.7463



99.3380, 50.6124, -87.1194

Rectangle

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



88.1990, 82.2329, -8.9445



85.1410, 17.1855, 134.9343



69.2660, -34.1481, -60.7463



83.3270, -3.1192, -73.0778

Sweetspot

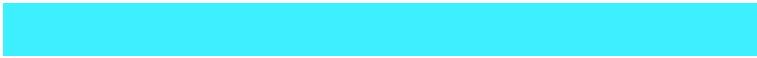
The Sweet Spot groups the original color and five complimentary colors.



88.1990, 82.2329, -8.9445



204.2210, 25.0340, -2.8248



187.6020, 33.2272, -111.0300



97.0010, 15.2825, -1.7549



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.



88.1990, 82.2329, -8.9445



55.4280, 98.3890, -10.8994



116.9030, 68.0818, 50.0741



116.7810, 5.5310, -0.6849



26.8570, 80.9225, -8.6446



9.0900, 27.0706, -2.7099

Inverse Universe

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



139.1840, 48.7163, 101.5706



116.5360, 58.4028, 121.4329



199.0970, -68.0818, -50.0741



120.1410, 2.8885, 6.8923



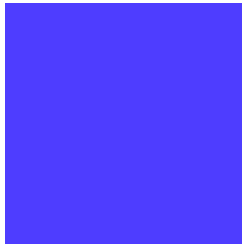
76.9450, 47.8481, 100.0262



25.7480, 15.9002, 33.5470

Previews

White Background



This preview shows how the YUV color 88.1990, 82.2329, -8.9445 looks on a white background.

Color Contrast Check

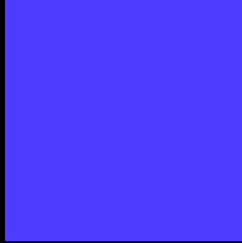
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.1990, 82.2329, -8.9445 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 88.1990, 82.2329, -8.9445

Background



This preview shows how black text looks on a background with the YUV color 88.1990, 82.2329, -8.9445.



This preview shows how white text looks on a background with the YUV color 88.1990, 82.2329, -8.9445.

-8.9445.

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

88.1990, 82.2329, -8.9445

Deuteranopia

77.8520, 44.4430, -68.2762

Tritanopia

76.5060, 18.9775, -67.0958

Trichromacy



Original Color

88.1990, 82.2329, -8.9445

Deuteranomaly

81.6540, 58.3446, -47.0546

Tritanomaly

80.7130, 42.0465, -46.2293

Monochromacy



Original Color

88.1990, 82.2329, -8.9445

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.8880, 30.1282, -3.4098

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.1990, 82.2329, -8.9445 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(78, 61, 255)` looks like.

```
.text, #text, p{  
    color:rgb(78, 61, 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(78, 61, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 61, 255) }
```

Border

The CSS property to change the border of an element to YUV 88.1990, 82.2329, -8.9445 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(78, 61, 255) }
```

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

```
.border{ border-color:rgb(78, 61, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 61, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 61, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 61, 255);  
box-shadow:4px 4px 4px 4px rgb(78, 61,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 88.1990, 82.2329, -8.9445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 61, 255) }
```

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

```
.background{ background-color: rgb(78, 61,  
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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