

Converting Colors

YUV(84.7930, 77.9961, -3.3265)

Have a look what the booklet for
YUV(84.7930, 77.9961, -3.3265)
contains.

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Color

**YUV(84.7930, 77.9961,
-3.3265)**

Conversions

Conversions Part 1

Format	Color
Hex	5138F3
RGB	81, 56, 243
RGB Percent	32%, 22%, 95%
CMY	0.6824, 0.7804, 0.0471
CMYK	0.67, 0.77, 0.00, 0.05
HSL	248°, 89%, 59%
HSV	248°, 77%, 95%
XYZ	20.9852, 11.0487, 85.8206
YIQ	84.7930, -45.1270, 63.4570

Conversions

Conversions Part 2

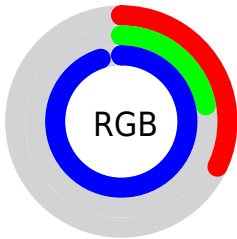
Format	Color
R _Y B	81, 56, 243
Decimal	5322995
CIE Lab	39.66, 62.28, -88.78
CIE LCh	40, 108.441, 305.050
Yxy	11.0487, 0.1781, 0.0937
Android (android.graphics.Color)	4283513075 (0xFF5138F3)
YUV	84.7930, 77.9961, -3.3265
Hunter-Lab	33.2396, 54.5230, -129.8116

Details

The YUV color **84.7930, 77.9961, -3.3265** 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 **214.2070, -77.9961, 3.3265**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4300, 58.4550, 11.0239**, and **21.0900, 80.8076, -18.4959** is the 20% darker color. If you saturate the color by 10%, you get **64.4260, 88.0370, -3.8816**, and if you desaturate by 10%, it is **105.1600, 67.9551, -2.7713**.

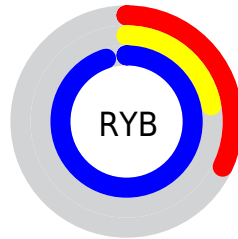
Distribution



Red (32%)

Green (22%)

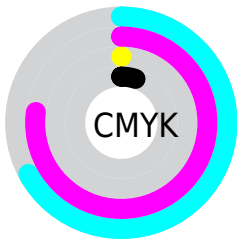
Blue (95%)



Red (32%)

Yellow (22%)

Blue (95%)

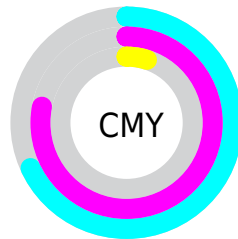


Cyan (67%)

Magenta (77%)

Yellow (0%)

Black (5%)



Cyan (68%)

Magenta (78%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.7930, 77.9961, -3.3265 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 84.7930, 77.9961, -3.3265 by changing the saturation by 10% instead.

■ 84.7930, 77.9961,
-3.3265

■ 84.7930, 77.9961,
-3.3265

■ 255.0000, 0.0000,
0.0000

■ 52.1720, 79.7812,
-15.9368

■ 136.4300, 58.4550,
11.0239

■ 21.0900, 80.8076,
-18.4959

■ 161.8470, 45.9244,
16.7972

■ 17.8980, 68.5773,
-15.6965

■ 187.2640, 33.3938,
22.5705

■ 14.8200, 56.7837,
-12.9971

■ 212.9690, 20.7213,
27.2142

■ 14.2040, 44.2694,
-12.4569

■ 232.6940, 10.9969,
19.5624

■ 14.8760, 31.6131,
-13.0463

■ 249.7170, 2.6045,

■ 9.2050, 22.5769,

4.6332

-8.0728

■ 4.8220, 13.3988,
-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 84.7930, 77.9961,
-3.3265

■ 84.7930, 77.9961,
-3.3265

■ 64.4260, 88.0370,
-3.8816

■ 105.1600, 67.9551,
-2.7713

■ 43.4720, 98.3673,
-3.9219

■ 126.1140, 57.6248,
-2.7310

■ 37.2700, 101.4249,
-4.6218

■ 146.4810, 47.5839,
-2.1758

■ 166.8480, 37.5429,
-1.6207

■ 187.8020, 27.2126,
-1.5804

■ 208.1690, 17.1717,
-1.0252

■ 228.5360, 7.1308,
-0.4701

■ 248.9030, -2.9102,
0.0851

■ 253.6320, -5.2416,
1.1997

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



84.7930, 77.9961, -3.3265



79.7780, 44.4794, 107.1887

Triad

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



84.7930, 77.9961, -3.3265



81.9410, -40.3969, 77.2277



84.3990, 11.1423, -74.0179

Complementary

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



84.7930, 77.9961, -3.3265



214.2070, -77.9961, 3.3265

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.



70.4400, -34.7269, -61.7759



84.7930, 77.9961, -3.3265



86.5510, -42.6696, 12.6718

Square

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



84.7930, 77.9961, -3.3265



65.1820, -32.1347, 134.0214



66.3310, -32.7012, -58.1723



95.7190, 49.4385, -83.9456

Rectangle

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



84.7930, 77.9961, -3.3265



81.5380, 15.0178, 130.2012



66.3310, -32.7012, -58.1723



80.2780, -2.1091, -70.4038

Sweetspot

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



84.7930, 77.9961, -3.3265



205.1180, 24.5918, -0.9805



172.4120, 34.7999, -102.0933



97.5990, 14.9877, -0.5253



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.



84.7930, 77.9961, -3.3265



56.3580, 97.9305, -3.8220



112.6000, 64.2872, 53.8478



111.9660, 4.9468, 0.0298



28.6790, 77.5593, -3.2265



9.1180, 24.5918, -0.9805

Inverse Universe

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



130.3810, 43.1962, 98.7669



113.5210, 54.4661, 124.0771



186.4000, -64.2872, -53.8478



114.8420, 3.0359, 6.2776



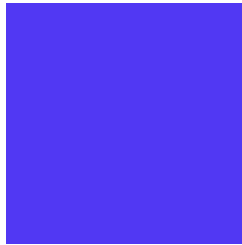
73.9680, 42.9068, 98.2521



23.4550, 13.5797, 31.1730

Previews

White Background



This preview shows how the YUV color 84.7930, 77.9961, -3.3265 looks on a white background.

Color Contrast Check

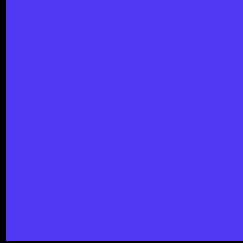
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.7930, 77.9961, -3.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

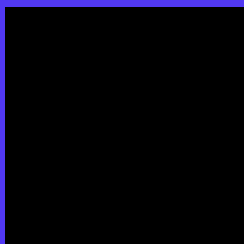
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.7930, 77.9961, -3.3265

Background



This preview shows how black text looks on a background with the YUV color 84.7930, 77.9961, -3.3265.



This preview shows how white text looks on a background with the YUV color 84.7930, 77.9961, -3.3265.

-3.3265.

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

84.7930, 77.9961, -3.3265

Protanopia

73.6750, 56.3622, -64.6130

Deuteranopia

74.1190, 42.8323, -65.0024



Tritanopia

73.0010, 18.2405, -64.0219

Trichromacy



Original Color

84.7930, 77.9961, -3.3265

Protanomaly

77.5820, 64.2961, -42.6064

Deuteranomaly

77.9920, 55.7129, -42.9660

Tritanomaly

77.1650, 39.8517, -42.2407

Monochromacy



Original Color

84.7930, 77.9961, -3.3265

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.7420, 28.2282, -0.6507

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7930, 77.9961, -3.3265 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(81, 56, 243)` looks like.

```
.text, #text, p{  
    color:rgb(81, 56, 243)  
}
```

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(81, 56, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 56, 243) }
```

Border

The CSS property to change the border of an element to YUV 84.7930, 77.9961, -3.3265 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(81, 56, 243) }
```


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

```
.border{ border-color:rgb(81, 56, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 56, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 56, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 56, 243);  
box-shadow:4px 4px 4px 4px rgb(81, 56,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 84.7930, 77.9961, -3.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 56, 243) }
```

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

```
.background{ background-color: rgb(81, 56,  
243) }
```

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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