

Converting Colors

YUV(80.7530, 85.4108, -1.5374)

Have a look what the booklet for
YUV(80.7530, 85.4108, -1.5374)
contains.

YUV(80.7530, 85.4108, -1.5374)	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(80.7530, 85.4108,
-1.5374)**

Conversions

Conversions Part 1

Format	Color
Hex	4F30FE
RGB	79, 48, 254
RGB Percent	31%, 19%, 100%
CMY	0.6902, 0.8118, 0.0039
CMYK	0.69, 0.81, 0.00, 0.00
HSL	249°, 99%, 59%
HSV	249°, 81%, 100%
XYZ	22.1708, 10.9319, 94.7075
YIQ	80.7530, -47.6500, 70.6380

Conversions

Conversions Part 2

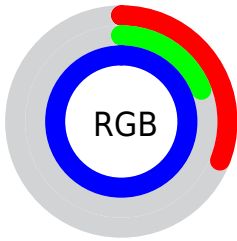
Format	Color
RYB	79, 48, 254
Decimal	5189886
CIELab	39.47, 68.71, -95.28
CIELCh	39, 117.475, 305.796
Yxy	10.9319, 0.1735, 0.0855
Android (android.graphics.Color)	4283379966 (0xFF4F30FE)
YUV	80.7530, 85.4108, -1.5374
Hunter-Lab	33.0635, 61.8326, -146.6867

Details

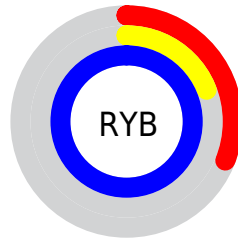
The YUV color **80.7530, 85.4108, -1.5374** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **221.2470, -85.4108, 1.5374**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.2070, 60.0439, 14.7275**, and **22.3440, 85.6124, -19.5957** is the 20% darker color. If you saturate the color by 10%, you get **59.5000, 95.8885, -2.1925**, and if you desaturate by 10%, it is **102.0060, 74.9330, -0.8823**.

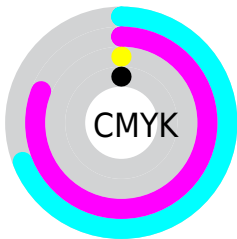
Distribution



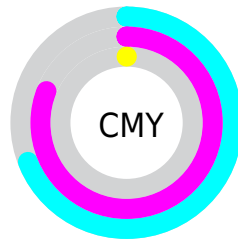
- Red (31%)
- Green (19%)
- Blue (100%)



- Red (31%)
- Yellow (19%)
- Blue (100%)



- Cyan (69%)
- Magenta (81%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (81%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.7530, 85.4108, -1.5374 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 80.7530, 85.4108, -1.5374 by changing the saturation by 10% instead.

■ 80.7530, 85.4108,
-1.5374

■ 80.7530, 85.4108,
-1.5374

■ 255.0000, 0.0000,
0.0000

■ 43.3920, 89.5327,
-17.0068

■ 133.2070, 60.0439,
14.7275

■ 22.3440, 85.6124,
-19.5957

■ 158.9230, 47.3660,
21.1155

■ 19.0380, 72.9453,
-16.6963

■ 184.3400, 34.8354,
26.8888

■ 15.9600, 61.1517,
-13.9969

■ 210.3440, 22.0154,
32.1473

■ 14.6430, 48.4900,
-12.8419

■ 229.7590, 12.4438,
22.1364

■ 16.9620, 34.5287,
-14.8757

■ 246.7820, 4.0515,

■ 10.7040, 25.7819,

7.2072

-9.3874

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 80.7530, 85.4108,
-1.5374

■ 80.7530, 85.4108,
-1.5374

■ 59.5000, 95.8885,
-2.1925

■ 102.0060, 74.9330,
-0.8823

■ 40.3180, 105.3452,
-2.0329

■ 123.5470, 64.3133,
-1.3567

■ 144.8000, 53.8356,
-0.7016

■ 166.3410, 43.2159,
-1.1761

■ 187.5940, 32.7382,
-0.5209

■ 208.5480, 22.4078,
-0.4806

■ 230.3880, 11.6407,
-0.3403

■ 251.6410, 1.1630,
0.3148

■ 254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



91.2920, 80.7080, -80.0631



80.7530, 85.4108, -1.5374



82.9250, 44.9000, 112.3218

Triad

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



80.7530, 85.4108, -1.5374



80.4900, -39.6816, 81.1313



84.7410, 12.4527, -74.3179

Complementary

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



80.7530, 85.4108, -1.5374



221.2470, -85.4108, 1.5374

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



80.7530, 85.4108, -1.5374



86.2410, -42.5168, 10.3126

Square

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



80.7530, 85.4108, -1.5374



67.2750, -33.1666, 138.3248



66.9180, -32.9906, -58.6871



97.4460, 53.5171, -85.4601

Rectangle

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



80.7530, 85.4108, -1.5374



84.4140, 13.1069, 136.4489



66.9180, -32.9906, -58.6871



80.3920, -1.6723, -70.5038

Sweetspot

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



80.7530, 85.4108, -1.5374



203.6450, 25.3180, -0.5657



174.2090, 39.3370, -110.6853



96.7130, 15.4245, -0.6253



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.



80.7530, 85.4108, -1.5374



47.2210, 102.4350, -1.9478



111.5500, 70.2278, 61.7846



117.0800, 5.3836, -0.0702



30.4450, 79.1536, -1.2673



10.2860, 26.4810, -0.2508

Inverse Universe

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



129.5440, 46.0738, 109.1479



105.7930, 55.3181, 130.8545



190.4500, -70.2278, -61.7846



120.1410, 2.8885, 6.8923



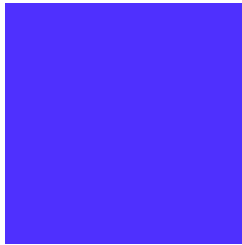
75.5770, 42.6065, 101.2260



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 80.7530, 85.4108, -1.5374 looks on a white background.

Color Contrast Check

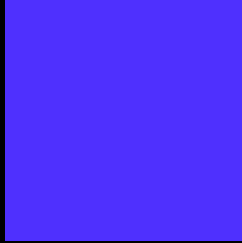
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.7530, 85.4108, -1.5374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

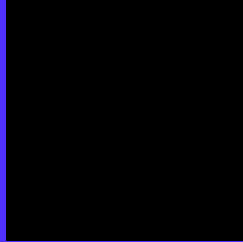
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.7530, 85.4108, -1.5374

Background



This preview shows how black text looks on a background with the YUV color 80.7530, 85.4108, -1.5374.



This preview shows how white text looks on a background with the YUV color 80.7530, 85.4108,

-1.5374.

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

80.7530, 85.4108, -1.5374

Protanopia

73.5610, 55.9254, -64.5130

Deuteranopia

73.8910, 41.9587, -64.8024



Tritanopia

72.3000, 18.0931, -63.4071

Trichromacy



Original Color

80.7530, 85.4108, -1.5374

Protanomaly

76.1630, 66.4746, -41.3620

Deuteranomaly

76.5730, 57.8915, -41.7215

Tritanomaly

75.2730, 42.7564, -40.5814

Monochromacy



Original Color

80.7530, 85.4108, -1.5374

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.8390, 31.1384, -0.7358

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.7530, 85.4108, -1.5374 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(79, 48, 254)` looks like.

```
.text, #text, p{  
    color:rgb(79, 48, 254)  
}
```

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(79, 48, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 48, 254) }
```

Border

The CSS property to change the border of an element to YUV 80.7530, 85.4108, -1.5374 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(79, 48, 254) }
```


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

```
.border{ border-color:rgb(79, 48, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 48, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 48, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 48, 254);  
box-shadow:4px 4px 4px 4px rgb(79, 48,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 80.7530, 85.4108, -1.5374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 48, 254) }
```

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

```
.background{ background-color: rgb(79, 48,  
254) }
```

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