

# Converting Colors

YUV(169.9860, 41.9119,  
43.8623)

Have a look what the booklet for  
YUV(169.9860, 41.9119, 43.8623)  
contains.

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# Color

**YUV(169.9860, 41.9119,  
43.8623)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC80FF
RGB	220, 128, 255
RGB Percent	86%, 50%, 100%
CMY	0.1373, 0.4980, 0.0000
CMYK	0.14, 0.50, 0.00, 0.00
HSL	283°, 100%, 75%
HSV	283°, 50%, 100%
XYZ	55.2844, 37.8740, 99.0043
YIQ	169.9860, 14.0650, 59.0010

# Conversions

## Conversions Part 2

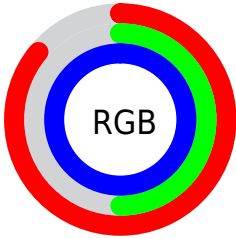
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	220, 128, 255
Decimal	14450943
CIE <sub>Lab</sub>	67.93, 55.62, -49.06
CIE <sub>LCh</sub>	68, 74.160, 318.586
Y <sub>xy</sub>	37.8740, 0.2877, 0.1971
Android (android.graphics.Color)	4292641023 (0xFFDC80FF)
YUV	169.9860, 41.9119, 43.8623
Hunter-Lab	61.5418, 52.6522, -52.3024

# Details

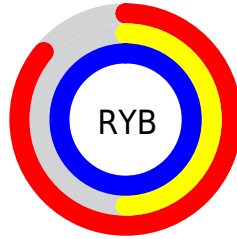
The YUV color **169.9860, 41.9119, 43.8623** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **213.0140, -41.9119, -43.8623**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7360, 20.8362, 37.0655**, and **114.4480, 41.1911, 41.7031** is the 20% darker color. If you saturate the color by 10%, you get **153.2180, 50.1785, 52.4288**, and if you desaturate by 10%, it is **187.3410, 33.3559, 34.7809**.

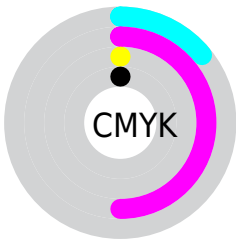
# Distribution



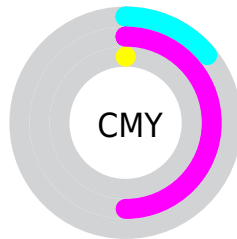
- Red (86%)
- Green (50%)
- Blue (100%)



- Red (86%)
- Yellow (50%)
- Blue (100%)



- Cyan (14%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)




- Cyan (14%)
- Magenta (50%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 169.9860, 41.9119, 43.8623 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 169.9860, 41.9119, 43.8623 by changing the saturation by 10% instead.




 169.9860, 41.9119,  
43.8623


 169.9860, 41.9119,  
43.8623


255.0000, 0.0000,  
0.0000

 142.1600, 41.3331,  
42.8327


 212.7360, 20.8362,  
37.0655


 114.4480, 41.1911,  
41.7031


 229.7590, 12.4438,  
22.1364

 87.0350, 40.9017,  
41.1883

 246.7820, 4.0515,  
7.2072

 56.5130, 42.6381,  
44.2771

 37.2580, 39.3128,  
37.4847

 26.3350, 32.3728,  
23.3852

 16.0100, 25.1381,

10.5152

■ 5.0160, 19.2191,  
-4.3990

■ 3.0950, 9.3202,  
-2.7143

■ 169.9860, 41.9119,  
43.8623

■ 169.9860, 41.9119,  
43.8623

■ 153.2180, 50.1785,  
52.4288

■ 187.3410, 33.3559,  
34.7809

■ 135.8630, 58.7345,  
61.5101

■ 204.1090, 25.0893,  
26.2144

■ 118.5080, 67.2906,  
70.5915

■ 221.4640, 16.5332,  
17.1331

■ 101.7400, 75.5572,  
79.1580

■ 238.2320, 8.2666,  
8.5665

■ 84.3850, 84.1132,  
88.2394

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.



154.9940, 49.3030, -40.3367



169.9860, 41.9119, 43.8623



157.6480, 17.9215, 85.3777

# Triad

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



169.9860, 41.9119, 43.8623



155.2920, -76.5590, 55.8719



138.5360, 33.2598, -121.4961

# Complementary

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



169.9860, 41.9119, 43.8623



213.0140, -41.9119, -43.8623

# 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.



130.0830, 3.4101, -114.0828



169.9860, 41.9119, 43.8623



149.9670, -73.9337, 7.0449

# Square

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



169.9860, 41.9119, 43.8623



157.1440, -44.9340, 85.8197



139.8640, -34.4430, -59.5167



142.3610, 55.5310, -124.8506



# Rectangle

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



169.9860, 41.9119, 43.8623



149.5830, -0.2874, 92.4507



139.8640, -34.4430, -59.5167



136.0280, 23.6502, -119.2966

# Sweetspot

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



169.9860, 41.9119, 43.8623



229.4050, 12.6183, 12.7998



163.6100, 45.0553, -31.2300



112.4060, 7.6878, 7.5369



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.



169.9860, 41.9119, 43.8623



152.6310, 50.4679, 52.9436



177.2590, 24.5223, 68.1789



119.1730, 4.3517, 4.2333



63.3350, 62.9388, 66.3582



21.0500, 21.1744, 21.8811



# Inverse Universe

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



169.9630, -3.4328, 74.5774



152.5350, -4.2078, 89.8618



205.7410, -24.5223, -68.1789



119.2290, -0.6059, 7.6922



63.1510, -5.0044, 112.1236

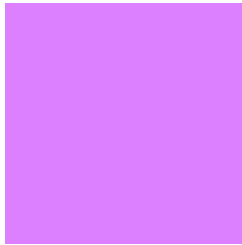


21.1880, -1.5717, 37.5461



# Previews

## White Background



This preview shows how the YUV color 169.9860, 41.9119, 43.8623 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

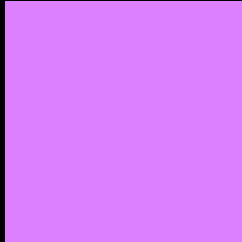
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 169.9860, 41.9119, 43.8623 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

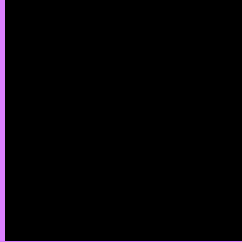
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 169.9860, 41.9119, 43.8623 Background



This preview shows how black text looks on a background with the YUV color 169.9860, 41.9119, 43.8623.



This preview shows how white text looks on a background with the YUV color 169.9860, 41.9119,

43.8623.

# 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

169.9860, 41.9119, 43.8623

### Protanopia

163.9200, 44.9024, -28.8708

### Deuteranopia

163.3990, 41.7083, -31.0449



## Tritanopia

168.1120, -3.0132, 33.2278

# Trichromacy



## Original Color

169.9860, 41.9119, 43.8623



## Protanomaly

165.8570, 43.9475, -2.5056



## Deuteranomaly

165.9770, 41.9163, -4.3648



## Tritanomaly

168.7870, 13.4160, 37.0208

# Monochromacy



## Original Color

169.9860, 41.9119, 43.8623



## Achromatopsia

170.0000, 0.0000, 0.0000



## Achromatomaly

170.1110, 15.2283, 15.6887

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 169.9860, 41.9119, 43.8623 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(220, 128, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 128, 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(220, 128, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 128, 255) }
```

## Border

The CSS property to change the border of an element to YUV 169.9860, 41.9119, 43.8623 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(220, 128, 255) }
```



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

```
.border{ border-color:rgb(220, 128, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 128, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 128, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 128, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 128,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 169.9860, 41.9119, 43.8623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 128, 255) }
```

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

```
.background{ background-color: rgb(220,  
128, 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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