

# Converting Colors

YUV(143.3530, 52.0840,  
47.9254)

Have a look what the booklet for  
YUV(143.3530, 52.0840, 47.9254)  
contains.

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# Color

**YUV(143.3530, 52.0840,  
47.9254)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C65FF9
RGB	198, 95, 249
RGB Percent	78%, 37%, 98%
CMY	0.2235, 0.6275, 0.0235
CMYK	0.20, 0.62, 0.00, 0.02
HSL	280°, 93%, 67%
HSV	280°, 62%, 98%
XYZ	44.4798, 27.0297, 92.4954
YIQ	143.3530, 11.9540, 69.7300

# Conversions

## Conversions Part 2

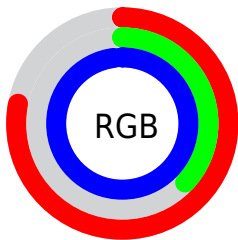
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	198, 95, 249
Decimal	13000697
CIE Lab	59.00, 64.91, -60.10
CIE LCh	59, 88.460, 317.201
Yxy	27.0297, 0.2712, 0.1648
Android (android.graphics.Color)	4291190777 (0xFFC65FF9)
YUV	143.3530, 52.0840, 47.9254
Hunter-Lab	51.9901, 61.7317, -69.0895

# Details

The YUV color **143.3530, 52.0840, 47.9254** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **200.6470, -52.0840, -47.9254**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.9520, 30.0967, 53.5391**, and **85.4670, 52.5208, 47.8254** is the 20% darker color. If you saturate the color by 10%, you get **126.2860, 60.4980, 55.8772**, and if you desaturate by 10%, it is **160.4200, 43.6699, 39.9737**.

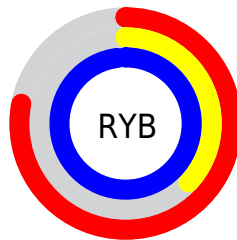
# Distribution



Red (78%)

Green (37%)

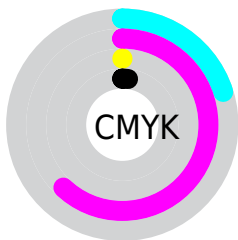
Blue (98%)



Red (78%)

Yellow (37%)

Blue (98%)

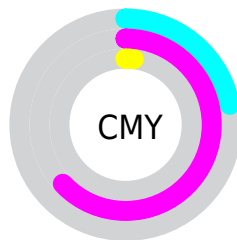


Cyan (20%)

Magenta (62%)

Yellow (0%)

Black (2%)



Cyan (22%)

Magenta (63%)


Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 143.3530, 52.0840, 47.9254 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 143.3530, 52.0840, 47.9254 by changing the saturation by 10% instead.





 143.3530, 52.0840,  
47.9254


 143.3530, 52.0840,  
47.9254


255.0000, 0.0000,  
0.0000

 114.9400, 51.7946,  
47.4106


 193.9520, 30.0967,  
53.5391


 85.4670, 52.5208,  
47.8254


 210.3880, 21.9937,  
39.1247


 52.1840, 55.1253,  
52.4586

 226.8240, 13.8908,  
24.7104

 40.4350, 47.6065,  
37.3295

 244.4340, 5.2090,  
9.2664

 28.8000, 40.5246,  
22.1004

 17.5780, 33.7320,  
7.3861

 6.9540, 26.6447,

-6.0987

■ 6.0930, 15.7302,  
-5.3436

■ 2.2970, 6.2626,  
-2.0145

■ 143.3530, 52.0840,  
47.9254

■ 143.3530, 52.0840,  
47.9254

■ 126.2860, 60.4980,  
55.8772

■ 160.4200, 43.6699,  
39.9737

■ 109.2190, 68.9120,  
63.8289

■ 177.4870, 35.2559,  
32.0219

■ 91.8530, 77.4735,  
71.1659

■ 194.8530, 26.6945,  
24.6849

■ 78.3190, 84.1457,  
77.7732

■ 211.9200, 18.2804,  
16.7332

228.4000, 10.1558,  
9.2962

245.4670, 1.7418,  
1.3444

254.3160, -2.6208,  
0.5999

# Harmonies

## Analogous

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



108.9020, 72.0263, -95.5071



143.3530, 52.0840, 47.9254



118.9570, 29.6012, 119.3097

# Triad

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



143.3530, 52.0840, 47.9254



134.0500, -66.0866, 56.9612



123.9290, 30.6010, -108.6857

# Complementary

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



143.3530, 52.0840, 47.9254



200.6470, -52.0840, -47.9254

# 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.



113.5210, -4.2009, -99.5579



143.3530, 52.0840, 47.9254



128.0940, -63.1503, 1.6716

# Square

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



143.3530, 52.0840, 47.9254



127.5120, -53.0034, 107.4220



97.4420, -48.0389, -85.4566



130.0340, 61.6082, -114.0398



# Rectangle

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



143.3530, 52.0840, 47.9254



99.5280, 13.5437, 136.3489



97.4420, -48.0389, -85.4566



120.8510, 18.8075, -105.9863

# Sweetspot

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



143.3530, 52.0840, 47.9254



222.0400, 16.2493, 14.8739



142.4930, 52.5080, -41.6514



107.4000, 10.1558, 9.2962



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.



143.3530, 52.0840, 47.9254



125.5190, 63.8341, 59.1808



155.6380, 33.2095, 81.8785



116.1730, 4.3517, 4.2333



59.2200, 63.9815, 58.5661



19.2130, 20.6010, 19.1072



# Inverse Universe

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



146.8600, -0.4240, 89.5768



129.6930, -0.3416, 109.8942



188.3620, -33.2095, -81.8785



116.4570, 0.2677, 7.4922



63.5790, -0.7784, 109.9942

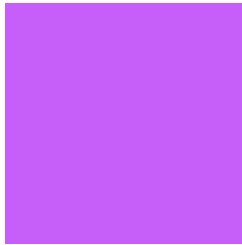


20.5190, -0.2559, 35.5018



# Previews

## White Background



This preview shows how the YUV color 143.3530, 52.0840, 47.9254 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

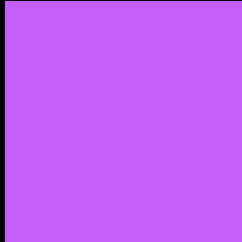
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 143.3530, 52.0840, 47.9254 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 × Fail

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

# YUV 143.3530, 52.0840, 47.9254 Background



This preview shows how black text looks on a background with the YUV color 143.3530, 52.0840, 47.9254.



This preview shows how white text looks on a background with the YUV color 143.3530, 52.0840,

47.9254.

# 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

143.3530, 52.0840, 47.9254

### Protanopia

135.4910, 58.9179, -44.2806

### Deuteranopia

133.1280, 52.6879, -52.7323



## Tritanopia

144.2860, -3.5920, 32.1982

# Trichromacy



## Original Color

143.3530, 52.0840, 47.9254



## Protanomaly

138.1300, 56.6309, -10.6380



## Deuteranomaly

136.9460, 52.2846, -16.6156



## Tritanomaly

143.7100, 16.9050, 37.9653

# Monochromacy



## Original Color

143.3530, 52.0840, 47.9254



## Achromatopsia

143.0000, 0.0000, 0.0000



## Achromatomaly

143.4470, 19.0066, 17.1480

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 143.3530, 52.0840, 47.9254 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(198, 95, 249)` looks like.

```
.text, #text, p{  
    color:rgb(198, 95, 249)  
}
```

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(198, 95, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 95, 249) }
```

## Border

The CSS property to change the border of an element to YUV 143.3530, 52.0840, 47.9254 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".

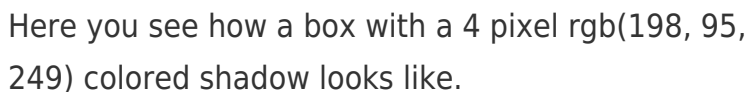
```
.border, #border, table{ border:4px solid rgb(198, 95, 249) }
```



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

```
.border{ border-color:rgb(198, 95, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 95, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 95, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 95, 249);  
box-shadow:4px 4px 4px 4px rgb(198, 95,  
249) }
```

# Background

The CSS property to change the background color of an element to YUV 143.3530, 52.0840, 47.9254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 95, 249) }
```

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

```
.background{ background-color: rgb(198, 95,  
249) }
```

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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