

# Converting Colors

YUV(161.3040, 46.1921,  
24.2894)

Have a look what the booklet for  
YUV(161.3040, 46.1921, 24.2894)  
contains.

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# Color

**YUV(161.3040, 46.1921,  
24.2894)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD81FF
RGB	189, 129, 255
RGB Percent	74%, 51%, 100%
CMY	0.2588, 0.4941, 0.0000
CMYK	0.26, 0.49, 0.00, 0.00
HSL	269°, 100%, 75%
HSV	269°, 49%, 100%
XYZ	46.8865, 33.7393, 98.6489
YIQ	161.3040, -4.6860, 51.9060

# Conversions

## Conversions Part 2

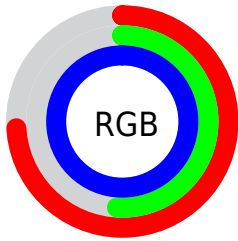
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	189, 129, 255
Decimal	12419583
CIE <sub>Lab</sub>	64.76, 46.99, -54.29
CIE <sub>LCh</sub>	65, 71.802, 310.874
Y <sub>xy</sub>	33.7393, 0.2615, 0.1882
Android (android.graphics.Color)	4290609663 (0xFFBD81FF)
YUV	161.3040, 46.1921, 24.2894
Hunter-Lab	58.0856, 42.4350, -60.0345

# Details

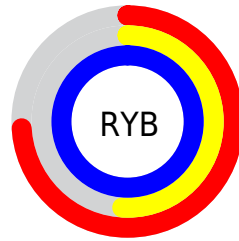
The YUV color **161.3040, 46.1921, 24.2894** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **222.6960, -46.1921, -24.2894**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.6430, 21.8680, 32.7621**, and **107.2390, 44.7452, 21.7154** is the 20% darker color. If you saturate the color by 10%, you get **142.7420, 55.3432, 29.1673**, and if you desaturate by 10%, it is **180.4530, 36.7517, 18.8967**.

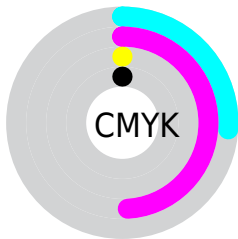
# Distribution



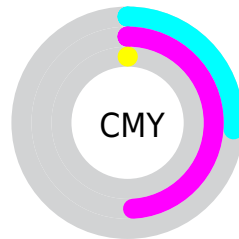
- Red (74%)
- Green (51%)
- Blue (100%)



- Red (74%)
- Yellow (51%)
- Blue (100%)



- Cyan (26%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)




- Cyan (26%)
- Magenta (49%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 161.3040, 46.1921, 24.2894 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 161.3040, 46.1921, 24.2894 by changing the saturation by 10% instead.





 161.3040, 46.1921,  
24.2894


 161.3040, 46.1921,  
24.2894


255.0000, 0.0000,  
0.0000


 134.0650, 45.3240,  
22.7450


 210.6430, 21.8680,  
32.7621


 107.2390, 44.7452,  
21.7154


 229.1720, 12.7332,  
22.6512

 81.2990, 43.7296,  
20.7858

 246.1950, 4.3409,  
7.7220

 55.1740, 43.2982,  
19.1414

 27.6900, 44.0298,  
17.8119

 14.8590, 37.5375,  
0.1237

 7.6380, 29.2655,

-6.6985

■ 6.7770, 18.3509,  
-5.9434

■ 3.0950, 9.3202,  
-2.7143

■ 161.3040, 46.1921,  
24.2894

■ 161.3040, 46.1921,  
24.2894

■ 142.7420, 55.3432,  
29.1673

■ 180.4530, 36.7517,  
18.8967

■ 123.2940, 64.9311,  
33.9452

■ 199.3140, 27.4532,  
14.6336

■ 104.7320, 74.0821,  
38.8230

■ 218.4630, 18.0127,  
9.2409

■ 85.5830, 83.5226,  
44.2157

■ 237.0250, 8.8617,  
4.3631

■ 66.7220, 92.8211, 255.0000, 0.0000,  
48.4788 0.0000

■ 65.2490, 93.5472,  
48.8936

# Harmonies

## Analogous

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



132.8900, 60.2002, -82.3415



161.3040, 46.1921, 24.2894



156.6630, 21.8581, 82.7335

# Triad

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



161.3040, 46.1921, 24.2894



149.4960, -65.8135, 62.7090



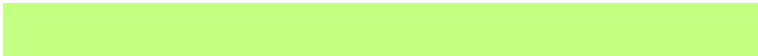
130.1750, 24.0707, -114.1635

# Complementary

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



161.3040, 46.1921, 24.2894



222.6960, -46.1921, -24.2894

# 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.



120.7760, -4.3266, -105.9206



161.3040, 46.1921, 24.2894



144.7280, -71.3509, 18.6555

# Square

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



161.3040, 46.1921, 24.2894



149.4790, -36.2251, 92.5419



137.0040, -43.3860, -37.7145



135.9550, 51.2942, -119.2325



# Rectangle

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



161.3040, 46.1921, 24.2894



147.0870, 5.3801, 94.6397



137.0040, -43.3860, -37.7145



127.0800, 14.7506, -111.4492

# Sweetspot

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



161.3040, 46.1921, 24.2894



226.7140, 13.9450, 7.2668



182.6930, 35.6474, -47.0888



110.6120, 8.5723, 3.8483



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.



161.3040, 46.1921, 24.2894



143.3290, 55.0538, 28.6525



179.8420, 37.0529, 62.4056



118.2760, 4.7939, 2.3889



48.9830, 70.0144, 36.8489



16.2660, 23.5329, 12.0447



# Inverse Universe

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



174.1980, 10.2554, 70.8634



158.7420, 11.9592, 84.4183



204.1580, -37.0529, -62.4056



119.5710, 0.7045, 7.3922



68.5090, 15.5251, 107.4246

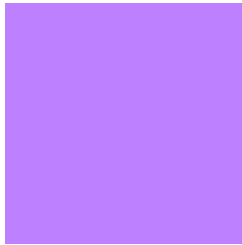


22.8980, 4.9803, 36.0465



# Previews

## White Background



This preview shows how the YUV color 161.3040, 46.1921, 24.2894 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

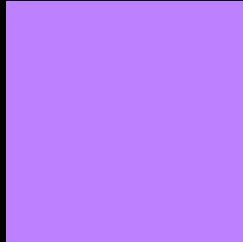
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 161.3040, 46.1921, 24.2894 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 161.3040, 46.1921, 24.2894 Background



This preview shows how black text looks on a background with the YUV color 161.3040, 46.1921, 24.2894.



This preview shows how white text looks on a background with the YUV color 161.3040, 46.1921,

24.2894.

# 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

161.3040, 46.1921, 24.2894

### Protanopia

154.1520, 49.7181, -33.4593

### Deuteranopia

152.2390, 47.7032, -40.5516



## Tritanopia

158.9460, 1.9986, 12.3254

# Trichromacy



## Original Color

161.3040, 46.1921, 24.2894



## Protanomaly

156.9420, 48.3426, -12.2271



## Deuteranomaly

155.5670, 47.0485, -17.1603



## Tritanomaly

159.8060, 17.8436, 16.8331

# Monochromacy



## Original Color

161.3040, 46.1921, 24.2894



## Achromatopsia

161.0000, 0.0000, 0.0000



## Achromatomaly

160.8220, 16.8498, 8.9261

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 161.3040, 46.1921, 24.2894 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(189, 129, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 129, 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(189, 129, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 129, 255) }
```

## Border

The CSS property to change the border of an element to YUV 161.3040, 46.1921, 24.2894 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(189, 129, 255) }
```



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

```
.border{ border-color:rgb(189, 129, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 129, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 129, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 129, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 129,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 161.3040, 46.1921, 24.2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 129, 255) }
```

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

```
.background{ background-color: rgb(189,  
129, 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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