

# Converting Colors

YUV(193.4440, 30.3471,  
19.7816)

Have a look what the booklet for  
YUV(193.4440, 30.3471, 19.7816)  
contains.

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# Color

**YUV(193.4440, 30.3471,  
19.7816)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8AAFF
RGB	216, 170, 255
RGB Percent	85%, 67%, 100%
CMY	0.1529, 0.3333, 0.0000
CMYK	0.15, 0.33, 0.00, 0.00
HSL	272°, 100%, 83%
HSV	272°, 33%, 100%
XYZ	60.7436, 50.5684, 101.1669
YIQ	193.4440, 0.1310, 36.1870

# Conversions

## Conversions Part 2

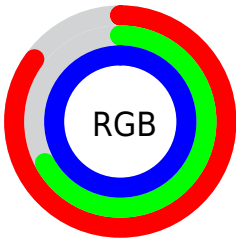
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 170, 255
Decimal	14199551
CIE Lab	76.42, 32.33, -35.82
CIE LCh	76, 48.255, 312.072
Yxy	50.5684, 0.2859, 0.2380
Android (android.graphics.Color)	4292389631 (0xFFD8AAFF)
YUV	193.4440, 30.3471, 19.7816
Hunter-Lab	71.1114, 28.0302, -34.5711

# Details

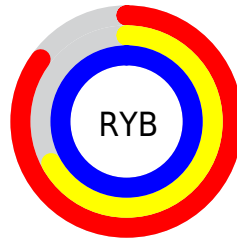
The YUV color **193.4440, 30.3471, 19.7816** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **231.5560, -30.3471, -19.7816**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9770, 8.3923, 14.9292**, and **139.0910, 29.0421, 18.3372** is the 20% darker color. If you saturate the color by 10%, you get **175.1810, 39.3508, 25.2743**, and if you desaturate by 10%, it is **211.7070, 21.3434, 14.2890**.

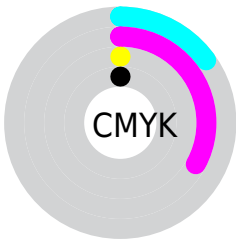
# Distribution



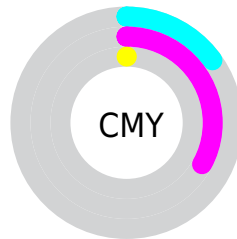
- Red (85%)
- Green (67%)
- Blue (100%)



- Red (85%)
- Yellow (67%)
- Blue (100%)



- Cyan (15%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)




- Cyan (15%)
- Magenta (33%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 193.4440, 30.3471, 19.7816 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 193.4440, 30.3471, 19.7816 by changing the saturation by 10% instead.





 193.4440, 30.3471,  
19.7816


 193.4440, 30.3471,  
19.7816


255.0000, 0.0000,  
0.0000


 165.9170, 29.6209,  
19.3668


 237.9770, 8.3923,  
14.9292

 139.0910, 29.0421,  
18.3372

 113.1510, 28.0266,  
17.4076

 88.3250, 27.4478,  
16.3780

 63.4990, 26.8690,  
15.3484

 40.2600, 26.0008,  
13.8040

 17.1350, 25.5694,

12.1596

■ 5.8420, 19.7979,  
-3.3694

■ 3.3230, 10.1938,  
-2.9143

■ 193.4440, 30.3471,  
19.7816

■ 193.4440, 30.3471,  
19.7816

■ 175.1810, 39.3508,  
25.2743

■ 211.7070, 21.3434,  
14.2890

■ 156.6300, 48.4964,  
31.8965

■ 230.2580, 12.1978,  
7.6667

■ 138.3670, 57.5001,  
37.3891

■ 249.1080, 2.9048,  
1.6593

■ 119.5170, 66.7931,  
43.3966

■ 255.0000, 0.0000,  
0.0000

■ 100.6670, 76.0862,  
49.4040

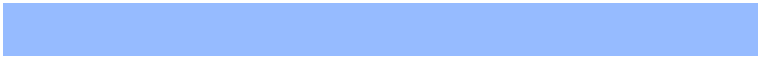
■ 82.7030, 84.9424,  
55.5115

■ 70.3320, 91.0413,  
59.3448

# Harmonies

## Analogous

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



183.6890, 35.1563, -29.5453



193.4440, 30.3471, 19.7816



192.5550, 12.0514, 54.7643

# Triad

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



193.4440, 30.3471, 19.7816



187.1020, -41.4623, 45.5145



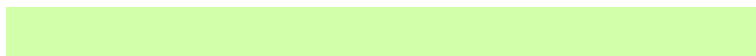
147.9280, 28.6295, -129.7329

# Complementary

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



193.4440, 30.3471, 19.7816



231.5560, -30.3471, -19.7816

# 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.



167.8220, -3.8562, -70.0039



193.4440, 30.3471, 19.7816



183.4910, -41.6541, 13.6014

# Square

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



193.4440, 30.3471, 19.7816



185.6860, -26.9602, 60.7884



177.6910, -28.4417, -24.2850



150.8410, 47.4064, -132.2876



# Rectangle

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



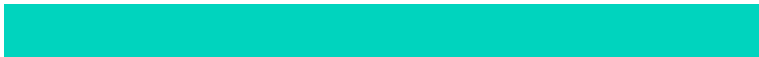
193.4440, 30.3471, 19.7816



186.7870, 0.1050, 59.8228



177.6910, -28.4417, -24.2850



146.1040, 21.6407, -128.1332

# Sweetspot

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



193.4440, 30.3471, 19.7816



236.7370, 9.0037, 5.4927



203.1700, 25.5522, -29.0901



116.2160, 5.8095, 3.3186



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.



193.4440, 30.3471, 19.7816



181.0730, 36.4460, 23.6150



204.7630, 23.2878, 44.0578



118.5750, 4.6465, 3.0037



52.5710, 68.2455, 44.2262



17.4620, 22.9432, 14.5038



# Inverse Universe

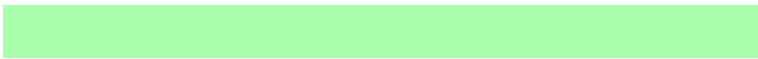
The Inverse Universe completely reimagines the original color for something new.



199.8610, 4.5055, 48.3569



188.8560, 5.4940, 58.0083



220.2370, -23.2878, -44.0578



119.5710, 0.7045, 7.3922



67.1410, 10.2835, 108.6243

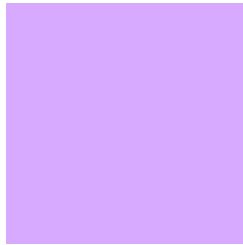


22.4420, 3.2331, 36.4464



# Previews

## White Background



This preview shows how the YUV color 193.4440, 30.3471, 19.7816 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

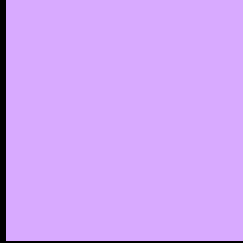
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 193.4440, 30.3471, 19.7816 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

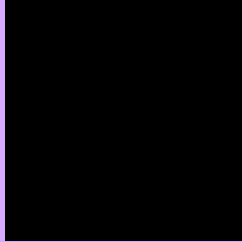
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 193.4440, 30.3471, 19.7816

## Background



This preview shows how black text looks on a background with the YUV color 193.4440, 30.3471, 19.7816.



This preview shows how white text looks on a background with the YUV color 193.4440, 30.3471, 19.7816.



# 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

193.4440, 30.3471, 19.7816

### Protanopia

188.4840, 32.7924, -17.9645

### Deuteranopia

189.3380, 30.8924, -15.2054



## Tritanopia

190.7720, 2.5774, 13.3550

# Trichromacy



## Original Color

193.4440, 30.3471, 19.7816

## Protanomaly

190.0450, 32.0228, -4.4245

## Deuteranomaly

190.7140, 30.7070, -2.3802

## Tritanomaly

192.0140, 12.3181, 15.7737

# Monochromacy



## Original Color

193.4440, 30.3471, 19.7816

## Achromatopsia

193.0000, 0.0000, 0.0000

## Achromatomaly

193.3180, 11.1822, 6.7371

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 193.4440, 30.3471, 19.7816 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(216, 170, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 170, 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(216, 170, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 170, 255) }
```

## Border

The CSS property to change the border of an element to YUV 193.4440, 30.3471, 19.7816 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".

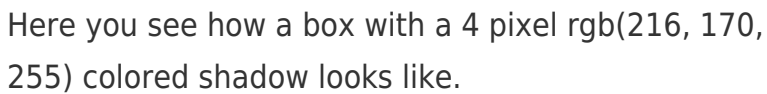
```
.border, #border, table{ border:4px solid rgb(216, 170, 255) }
```



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

```
.border{ border-color:rgb(216, 170, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 170, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 170, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 170, 255); box-shadow:4px 4px 4px 4px rgb(216, 170, 255) }
```

# Background

The CSS property to change the background color of an element to YUV 193.4440, 30.3471, 19.7816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 170, 255) }
```

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

```
.background{ background-color: rgb(216,  
170, 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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