

# Converting Colors

YUV(193.0090, 30.0686,  
15.7781)

Have a look what the booklet for  
YUV(193.0090, 30.0686, 15.7781)  
contains.

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# Color

**YUV(193.0090, 30.0686,  
15.7781)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3ACFE
RGB	211, 172, 254
RGB Percent	83%, 67%, 100%
CMY	0.1725, 0.3255, 0.0039
CMYK	0.17, 0.32, 0.00, 0.00
HSL	269°, 98%, 84%
HSV	269°, 32%, 100%
XYZ	59.5059, 50.5097, 100.3790
YIQ	193.0090, -3.0780, 33.7700

# Conversions

## Conversions Part 2

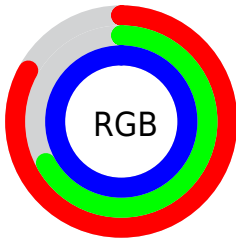
Format	Color
RYB	211, 172, 254
Decimal	13872382
CIELab	76.38, 29.54, -35.37
CIELCh	76, 46.088, 309.868
Yxy	50.5097, 0.2828, 0.2401
Android (android.graphics.Color)	4292062462 (0xFFD3ACFE)
YUV	193.0090, 30.0686, 15.7781
Hunter-Lab	71.0702, 25.0823, -33.9916

# Details

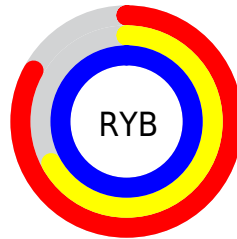
The YUV color **193.0090, 30.0686, 15.7781** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **232.9910, -30.0686, -15.7781**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1510, 7.8136, 13.8996**, and **138.6560, 28.7636, 14.3337** is the 20% darker color. If you saturate the color by 10%, you get **174.4470, 39.2196, 20.6560**, and if you desaturate by 10%, it is **211.5710, 20.9175, 10.9002**.

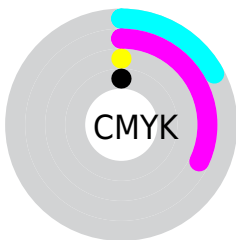
# Distribution



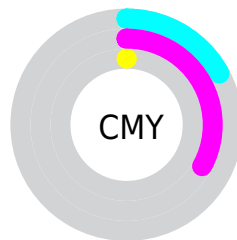
- Red (83%)
- Green (67%)
- Blue (100%)



- Red (83%)
- Yellow (67%)
- Blue (100%)



- Cyan (17%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (33%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 193.0090, 30.0686, 15.7781 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 193.0090, 30.0686, 15.7781 by changing the saturation by 10% instead.





 193.0090, 30.0686,  
15.7781


 193.0090, 30.0686,  
15.7781


255.0000, 0.0000,  
0.0000


 165.4820, 29.3424,  
15.3633


 239.1510, 7.8136,  
13.8996

 138.6560, 28.7636,  
14.3337

 112.8300, 28.1848,  
13.3041

 87.8900, 27.1692,  
12.3745

 63.9500, 26.1537,  
11.4449

 40.7110, 25.2855,  
9.9005

 17.5860, 24.8541,

8.2561

■ 5.1300, 19.6559,  
-4.4990

■ 3.2090, 9.7570,  
-2.8143

■ 193.0090, 30.0686,  
15.7781

■ 193.0090, 30.0686,  
15.7781

■ 174.4470, 39.2196,  
20.6560

■ 211.5710, 20.9175,  
10.9002

■ 154.9990, 48.8075,  
25.4339

■ 231.0190, 11.3296,  
6.1223

■ 136.4370, 57.9586,  
30.3118

■ 249.5810, 2.1786,  
1.2445

■ 117.2880, 67.3990,  
35.7044

■ 254.8860, -0.4368,  
0.1000

■ 98.4270, 76.6975,  
39.9675

■ 79.8650, 85.8486,  
44.8454

■ 65.1350, 93.1104,  
48.9936

# Harmonies

## Analogous

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



183.3790, 35.3092, -31.9044



193.0090, 30.0686, 15.7781



193.3590, 12.6410, 52.3052

# Triad

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



193.0090, 30.0686, 15.7781



187.1990, -38.5521, 45.4295



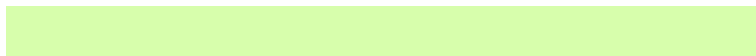
146.8850, 27.1717, -128.8181

# Complementary

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



193.0090, 30.0686, 15.7781



232.9910, -30.0686, -15.7781

# 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.



170.2960, -6.0619, -62.5266



193.0090, 30.0686, 15.7781



183.6700, -39.7703, 16.0754

# Square

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



193.0090, 30.0686, 15.7781



186.8430, -25.0656, 59.7737



178.7130, -28.4525, -20.7963



149.6840, 45.5118, -131.2729



# Rectangle

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



193.0090, 30.0686, 15.7781



188.3030, 0.8366, 58.4933



178.7130, -28.4525, -20.7963



158.3310, 14.1338, -100.2683

# Sweetspot

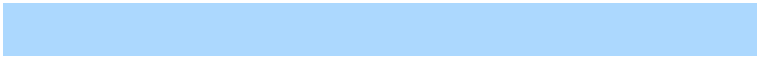
The Sweet Spot groups the original color and five complimentary colors.



193.0090, 30.0686, 15.7781



236.4380, 9.1511, 4.8779



207.1760, 23.0842, -30.8494



115.9170, 5.9569, 2.7038



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.



193.0090, 30.0686, 15.7781



181.3390, 36.3149, 18.9967



204.9690, 24.1723, 40.3692



118.2760, 4.7939, 2.3889



48.9830, 70.0144, 36.8489



16.2660, 23.5329, 12.0447



# Inverse Universe

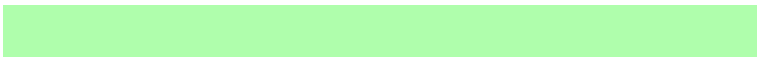
The Inverse Universe completely reimagines the original color for something new.



201.4200, 6.6949, 46.1127



191.5290, 8.1202, 55.6641



221.0310, -24.1723, -40.3692



119.5710, 0.7045, 7.3922



68.5090, 15.5251, 107.4246

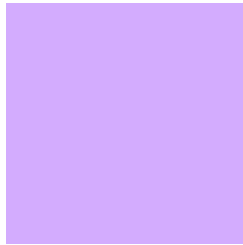


22.8980, 4.9803, 36.0465



# Previews

## White Background



This preview shows how the YUV color 193.0090, 30.0686, 15.7781 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

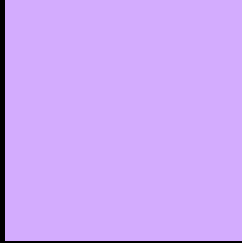
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 193.0090, 30.0686, 15.7781 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

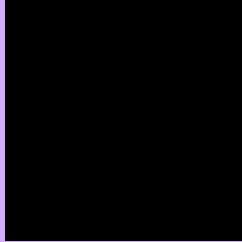
Any Text WCAG AA ✓ Pass

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 193.0090, 30.0686, 15.7781 Background



This preview shows how black text looks on a background with the YUV color 193.0090, 30.0686, 15.7781.



This preview shows how white text looks on a background with the YUV color 193.0090, 30.0686,



# 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

193.0090, 30.0686, 15.7781

### Protanopia

188.4840, 32.7924, -17.9645

### Deuteranopia

189.2240, 30.4556, -15.1054



## Tritanopia

190.3910, 3.7512, 10.1811

# Trichromacy



## Original Color

193.0090, 30.0686, 15.7781



## Protanomaly

190.3330, 31.8808, -5.5540



## Deuteranomaly

190.5890, 30.2756, -4.0246



## Tritanomaly

191.2200, 13.2025, 12.0851

# Monochromacy



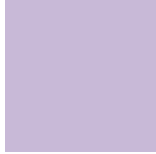
## Original Color

193.0090, 30.0686, 15.7781



## Achromatopsia

193.0000, 0.0000, 0.0000



## Achromatomaly

192.9050, 10.8928, 6.2223

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 193.0090, 30.0686, 15.7781 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(211, 172, 254)` looks like.

```
.text, #text, p{  
    color:rgb(211, 172, 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(211, 172, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 172, 254) }
```

## Border

The CSS property to change the border of an element to YUV 193.0090, 30.0686, 15.7781 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(211, 172, 254) }
```



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

```
.border{ border-color:rgb(211, 172, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 172, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 172, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 172, 254);  
box-shadow:4px 4px 4px 4px rgb(211, 172,  
254) }
```

# Background

The CSS property to change the background color of an element to YUV 193.0090, 30.0686, 15.7781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 172, 254) }
```

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

```
.background{ background-color: rgb(211,  
172, 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](#).

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