

# Converting Colors

YUV(195.1390, 29.5115, 7.7711)

Have a look what the booklet for  
YUV(195.1390, 29.5115, 7.7711)  
contains.

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# Color

**YUV(195.1390, 29.5115,  
7.7711)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCB3FF
RGB	204, 179, 255
RGB Percent	80%, 70%, 100%
CMY	0.2000, 0.2980, 0.0000
CMYK	0.20, 0.30, 0.00, 0.00
HSL	260°, 100%, 85%
HSV	260°, 30%, 100%
XYZ	59.0719, 52.2976, 101.5888
YIQ	195.1390, -9.4960, 28.9360

# Conversions

## Conversions Part 2

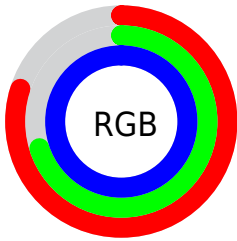
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 179, 255</a>
Decimal	<a href="#">13415423</a>
CIELab	<a href="#">77.46, 23.86, -34.30</a>
CIELCh	<a href="#">77, 41.777, 304.824</a>
Yxy	<a href="#">52.2976, 0.2774, 0.2456</a>
Android (android.graphics.Color)	<a href="#">4291605503</a> ( <a href="#">0xFFCCB3FF</a> )
YUV	<a href="#">195.1390, 29.5115, 7.7711</a>
Hunter-Lab	<a href="#">72.3171, 19.2523, -32.6668</a>

# Details

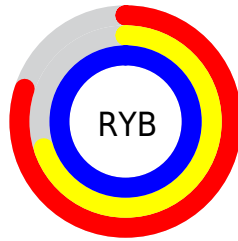
The YUV color **195.1390, 29.5115, 7.7711** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **238.8610, -29.5115, -7.7711**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2600, 5.7878, 10.2960**, and **141.0850, 28.0591, 6.9415** is the 20% darker color. If you saturate the color by 10%, you get **174.7940, 39.5416, 10.7047**, and if you desaturate by 10%, it is **214.8970, 19.7708, 5.3523**.

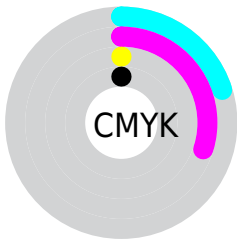
# Distribution



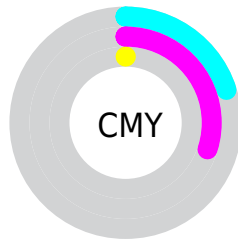
- Red (80%)
- Green (70%)
- Blue (100%)



- Red (80%)
- Yellow (70%)
- Blue (100%)



- Cyan (20%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (30%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 195.1390, 29.5115, 7.7711 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 195.1390, 29.5115, 7.7711 by changing the saturation by 10% instead.



■ 195.1390, 29.5115,  
7.7711

■ 195.1390, 29.5115,  
7.7711

255.0000, 0.0000,  
0.0000

■ 167.6120, 28.7853,  
7.3563

■ 243.2600, 5.7878,  
10.2960

■ 141.0850, 28.0591,  
6.9415

■ 115.2590, 27.4803,  
5.9119

■ 90.3190, 26.4647,  
4.9822

■ 66.3790, 25.4492,  
4.0526

■ 43.1400, 24.5810,  
2.5082

■ 20.3030, 24.0076,

-0.2657

■ 5.2440, 20.0927,  
-4.5990

■ 3.3230, 10.1938,  
-2.9143

■ 195.1390, 29.5115,  
7.7711

■ 195.1390, 29.5115,  
7.7711

■ 174.7940, 39.5416,  
10.7047

■ 214.8970, 19.7708,  
5.3523

■ 155.0360, 49.2823,  
13.1234

■ 235.2420, 9.7407,  
2.4188

■ 134.6910, 59.3123,  
16.0570

255.0000, 0.0000,  
0.0000

■ 114.9330, 69.0530,  
18.4758

■ 94.2890, 79.2305,  
20.7945

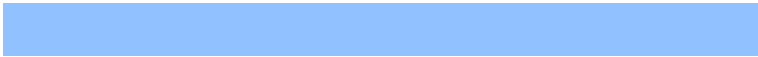
■ 74.5310, 88.9712,  
23.2133

■ 54.1860, 99.0013,  
26.1469

# Harmonies

## Analogous

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



185.7160, 34.1570, -35.7079



195.1390, 29.5115, 7.7711



196.3470, 14.1259, 42.6687

# Triad

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



195.1390, 29.5115, 7.7711



191.3500, -34.1896, 46.1740



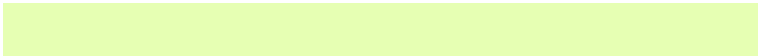
166.6360, 14.9695, -88.2578

# Complementary

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



195.1390, 29.5115, 7.7711



238.8610, -29.5115, -7.7711

# 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.



177.0590, -9.8891, -48.2867



195.1390, 29.5115, 7.7711



188.0880, -37.0184, 20.0938

# Square

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



195.1390, 29.5115, 7.7711



190.6730, -20.5448, 56.4148



183.4690, -28.3322, -12.6893



150.5330, 41.1492, -132.0174



# Rectangle

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



195.1390, 29.5115, 7.7711



194.1390, 2.8895, 53.3751



183.4690, -28.3322, -12.6893



171.0200, 5.9061, -74.5625

# Sweetspot

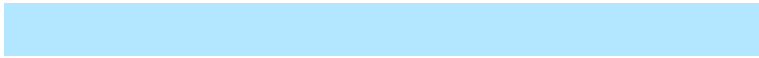
The Sweet Spot groups the original color and five complimentary colors.



195.1390, 29.5115, 7.7711



237.0140, 8.8671, 2.6187



218.1880, 18.1483, -34.3679



116.2050, 5.8149, 1.5742



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.



195.1390, 29.5115, 7.7711



182.4580, 35.7632, 9.2453



206.2020, 24.0574, 30.5178



117.6780, 5.0887, 1.1594



40.6110, 74.1418, 19.6352



13.5750, 24.8595, 6.5117



# Inverse Universe

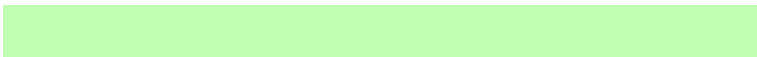
The Inverse Universe completely reimagines the original color for something new.



207.5380, 11.0738, 41.6242



197.5760, 13.5200, 50.3608



227.7980, -24.0574, -30.5178



119.7990, 1.5781, 7.1923



71.7010, 27.7554, 104.6252

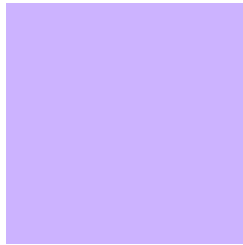


24.0380, 9.3483, 35.0467



# Previews

## White Background



This preview shows how the YUV color 195.1390, 29.5115, 7.7711 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

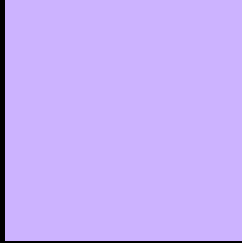
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 195.1390, 29.5115, 7.7711 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 195.1390, 29.5115, 7.7711

## Background



This preview shows how black text looks on a background with the YUV color 195.1390, 29.5115, 7.7711.



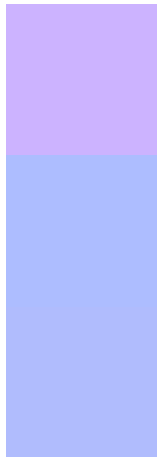
This preview shows how white text looks on a background with the YUV color 195.1390, 29.5115,



# 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

195.1390, 29.5115, 7.7711

### Protanopia

191.7400, 31.1872, -16.4350

### Deuteranopia

191.8220, 30.1608, -13.8759



## Tritanopia

192.5040, 5.6675, 2.1890

# Trichromacy



## Original Color

195.1390, 29.5115, 7.7711

## Protanomaly

192.6810, 30.7233, -7.6132

## Deuteranomaly

193.1650, 29.9917, -6.2837

## Tritanomaly

193.2190, 14.6820, 4.1929

# Monochromacy



## Original Color

195.1390, 29.5115, 7.7711

## Achromatopsia

195.0000, 0.0000, 0.0000

## Achromatomaly

194.8830, 10.9037, 2.7336

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 195.1390, 29.5115, 7.7711 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(204, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 179, 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(204, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 179, 255) }
```

## Border

The CSS property to change the border of an element to YUV 195.1390, 29.5115, 7.7711 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(204, 179, 255) }
```



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

```
.border{ border-color:rgb(204, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 179,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 195.1390, 29.5115, 7.7711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 179, 255) }
```

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

```
.background{ background-color: rgb(204,  
179, 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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