

# Converting Colors

YUV(176.3660, 38.7666,  
25.9890)

Have a look what the booklet for  
YUV(176.3660, 38.7666, 25.9890)  
contains.

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# Color

**YUV(176.3660, 38.7666,  
25.9890)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE92FF
RGB	206, 146, 255
RGB Percent	81%, 57%, 100%
CMY	0.1922, 0.4275, 0.0000
CMYK	0.19, 0.43, 0.00, 0.00
HSL	273°, 100%, 79%
HSV	273°, 43%, 100%
XYZ	53.7825, 40.8996, 99.6675
YIQ	176.3660, 0.7710, 46.6190

# Conversions

## Conversions Part 2

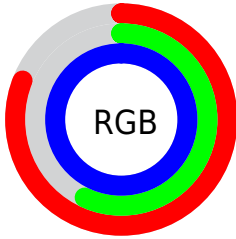
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 146, 255
Decimal	13538047
CIE <sub>Lab</sub>	70.11, 42.41, -45.73
CIE <sub>LCh</sub>	70, 62.374, 312.844
Y <sub>xy</sub>	40.8996, 0.2767, 0.2104
Android (android.graphics.Color)	4291728127 (0xFFCE92FF)
YUV	176.3660, 38.7666, 25.9890
Hunter-Lab	63.9528, 38.1961, -47.6338

# Details

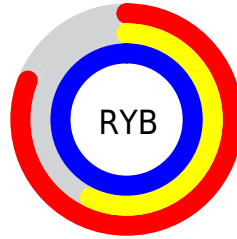
The YUV color  $176.3660, 38.7666, 25.9890$  is a light color, and the websafe version is hex  $CC99FF$ . A complement of this color would be  $224.6340, -38.7666, -25.9890$ , and the grayscale version is  $176.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $223.3020, 15.6271, 27.7991$ , and  $122.6000, 37.1722, 24.0298$  is the 20% darker color. If you saturate the color by 10%, you get  $158.4020, 47.6228, 32.0964$ , and if you desaturate by 10%, it is  $194.3300, 29.9103, 19.8816$ .

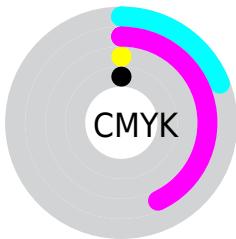
# Distribution



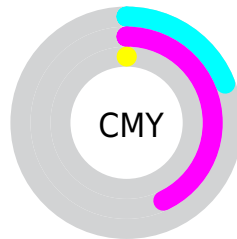
- Red (81%)
- Green (57%)
- Blue (100%)



- Red (81%)
- Yellow (57%)
- Blue (100%)



- Cyan (19%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)




- Cyan (19%)
- Magenta (43%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 176.3660, 38.7666, 25.9890 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 176.3660, 38.7666, 25.9890 by changing the saturation by 10% instead.




 176.3660, 38.7666,  
25.9890

 176.3660, 38.7666,  
25.9890


255.0000, 0.0000,  
0.0000


 149.4260, 37.7510,  
25.0594


 223.3020, 15.6271,  
27.7991


 122.6000, 37.1722,  
24.0298

 239.7380, 7.5242,  
13.3848

 96.3610, 36.3040,  
22.4854

 70.8340, 35.5778,  
22.0706

 45.1220, 35.4359,  
20.9410

 23.0460, 33.9943,  
16.6227

 14.0310, 26.6067,

6.1118

■ 6.7770, 18.3509,  
-5.9434

■ 3.2090, 9.7570,  
-2.8143

■ 176.3660, 38.7666,  
25.9890

■ 176.3660, 38.7666,  
25.9890

■ 158.4020, 47.6228,  
32.0964

■ 194.3300, 29.9103,  
19.8816

■ 139.5520, 56.9159,  
38.1039

■ 213.1800, 20.6173,  
13.8741

■ 121.0010, 66.0615,  
44.7261

■ 231.7310, 11.4716,  
7.2519

■ 102.7380, 75.0652,  
50.2188

■ 249.9940, 2.4680,  
1.7593

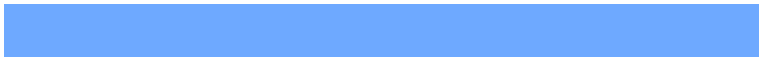
■ 84.1870, 84.2108, 255.0000, 0.0000,  
56.8410 0.0000

■ 70.9300, 90.7465,  
60.5744

# Harmonies

## Analogous

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



161.1630, 46.2616, -44.8700



176.3660, 38.7666, 25.9890



173.1040, 16.2177, 71.8228

# Triad

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



176.3660, 38.7666, 25.9890



167.2420, -53.8563, 54.1618



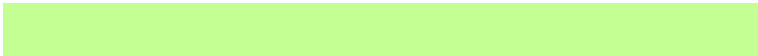
139.0430, 27.5868, -121.9407

# Complementary

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



176.3660, 38.7666, 25.9890



224.6340, -38.7666, -25.9890

# 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.



131.1430, 2.3945, -115.0124



176.3660, 38.7666, 25.9890



162.6470, -55.0420, 14.3416

# Square

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



176.3660, 38.7666, 25.9890



165.9610, -33.9978, 78.0872



155.0890, -35.5399, -34.2811



143.2100, 51.1685, -125.5952



# Rectangle

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



176.3660, 38.7666, 25.9890



165.2500, 1.3558, 78.7108



155.0890, -35.5399, -34.2811



136.7630, 18.8508, -119.9412

# Sweetspot

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



176.3660, 38.7666, 25.9890



231.1440, 11.7610, 7.7667



187.1890, 33.4308, -36.1228



112.6830, 7.5513, 4.6630



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.



176.3660, 38.7666, 25.9890



161.3480, 46.1704, 31.2668



190.4470, 29.3596, 56.6130



118.5750, 4.6465, 3.0037



53.1690, 67.9507, 45.4558



17.7610, 22.7958, 15.1186



# Inverse Universe

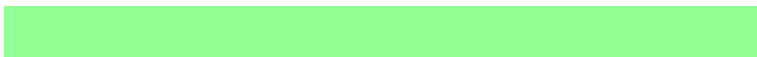
The Inverse Universe completely reimagines the original color for something new.



184.1770, 5.3357, 62.1118



170.4820, 6.1714, 74.1223



210.5530, -29.3596, -56.6130



119.4570, 0.2677, 7.4922



66.9130, 9.4099, 108.8243

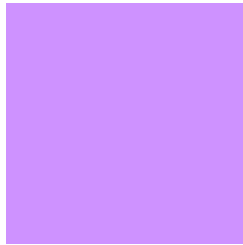


22.4420, 3.2331, 36.4464



# Previews

## White Background



This preview shows how the YUV color 176.3660, 38.7666, 25.9890 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

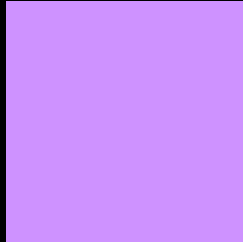
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 176.3660, 38.7666, 25.9890 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

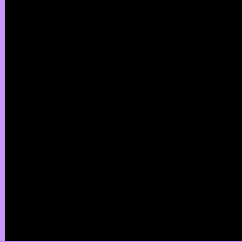
Any Text WCAG AA ✓ Pass

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 176.3660, 38.7666, 25.9890 Background



This preview shows how black text looks on a background with the YUV color 176.3660, 38.7666, 25.9890.



This preview shows how white text looks on a background with the YUV color 176.3660, 38.7666, 25.9890.

25.9890.

# 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

176.3660, 38.7666, 25.9890

### Protanopia

170.4320, 41.6920, -25.8119

### Deuteranopia

169.8510, 39.5135, -27.0563



## Tritanopia

173.4520, 1.2562, 17.1436

# Trichromacy



## Original Color

176.3660, 38.7666, 25.9890



## Protanomaly

172.9120, 40.4694, -6.9388



## Deuteranomaly

171.9720, 39.4538, -7.8684



## Tritanomaly

174.7310, 14.9226, 20.4069

# Monochromacy



## Original Color

176.3660, 38.7666, 25.9890



## Achromatopsia

176.0000, 0.0000, 0.0000



## Achromatomaly

176.1380, 14.2290, 9.5260

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 176.3660, 38.7666, 25.9890 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(206, 146, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 146, 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(206, 146, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 146, 255) }
```

## Border

The CSS property to change the border of an element to YUV 176.3660, 38.7666, 25.9890 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(206, 146, 255) }
```



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

```
.border{ border-color:rgb(206, 146, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 146, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 146, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 146, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 146,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 176.3660, 38.7666, 25.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 146, 255) }
```

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

```
.background{ background-color: rgb(206,  
146, 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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