

# Converting Colors

YUV(152.4770, 30.3308,  
25.0147)

Have a look what the booklet for  
YUV(152.4770, 30.3308, 25.0147)  
contains.

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# Color

**YUV(152.4770, 30.3308,  
25.0147)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B57ED6
RGB	181, 126, 214
RGB Percent	71%, 49%, 84%
CMY	0.2902, 0.5059, 0.1608
CMYK	0.15, 0.41, 0.00, 0.16
HSL	278°, 52%, 67%
HSV	278°, 41%, 84%
XYZ	38.6545, 29.6005, 67.2945
YIQ	152.4770, 4.5320, 39.0280

# Conversions

## Conversions Part 2

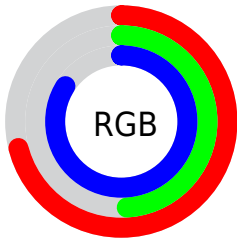
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	181, 126, 214
Decimal	11894486
CIE Lab	61.31, 37.22, -37.07
CIE LCh	61, 52.533, 315.116
Yxy	29.6005, 0.2852, 0.2184
Android (android.graphics.Color)	4290084566 (0xFFB57ED6)
YUV	152.4770, 30.3308, 25.0147
Hunter-Lab	54.4063, 31.6092, -35.2506

# Details

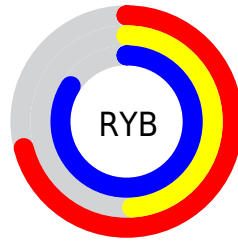
The YUV color **152.4770, 30.3308, 25.0147** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **187.5230, -30.3308, -25.0147**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8920, 24.2102, 28.1587**, and **99.8250, 29.1733, 22.9555** is the 20% darker color. If you saturate the color by 10%, you get **137.7580, 37.5873, 30.9072**, and if you desaturate by 10%, it is **167.1960, 23.0744, 19.1221**.

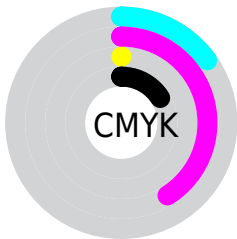
# Distribution



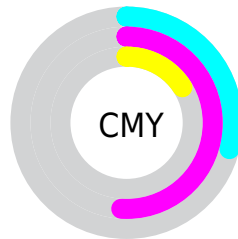
- Red (71%)
- Green (49%)
- Blue (84%)



- Red (71%)
- Yellow (49%)
- Blue (84%)



- Cyan (15%)
- Magenta (41%)
- Yellow (0%)
- Black (16%)




- Cyan (29%)
- Magenta (51%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.4770, 30.3308, 25.0147 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 152.4770, 30.3308, 25.0147 by changing the saturation by 10% instead.





 152.4770, 30.3308,  
25.0147


 152.4770, 30.3308,  
25.0147


255.0000, 0.0000,  
0.0000

 125.6510, 29.7521,  
23.9851


 205.8920, 24.2102,  
28.1587


 99.8250, 29.1733,  
22.9555


 226.8240, 13.8908,  
24.7104

 74.8850, 28.1577,  
22.0259

 243.8470, 5.4984,  
9.7812

 50.4720, 27.8683,  
21.5111

 24.5860, 28.3051,  
21.4111

 15.0980, 21.6437,  
11.3151

 5.2780, 15.1459,

-4.6288

■ 1.3680, 5.2416,  
-1.1997

■ 0.0000, 0.0000,  
0.0000

■ 152.4770, 30.3308,  
25.0147

■ 152.4770, 30.3308,  
25.0147

■ 137.7580, 37.5873,  
30.9072

■ 167.1960, 23.0744,  
19.1221

■ 122.4520, 45.1332,  
37.3146

■ 182.5020, 15.5285,  
12.7147

■ 107.7330, 52.3896,  
43.2072

■ 197.2210, 8.2720,  
6.8222

■ 92.4270, 59.9355,  
49.6145

■ 212.5270, 0.7262,  
0.4148

77.7080, 67.1920,  
55.5071

227.2460, -6.5303,  
-5.4777

64.4620, 73.7222,  
60.9848

241.9650,  
-13.7867, -11.3703

244.9440,  
-15.2554, -6.9669

247.3360,  
-16.4346, -2.0487

249.7280,  
-17.6139, 2.8695

# Harmonies

## Analogous

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



144.5390, 46.0763, -32.0447



152.4770, 30.3308, 25.0147



150.3710, 11.1561, 61.9416

# Triad

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



152.4770, 30.3308, 25.0147



144.3960, -44.0722, 42.6257



119.8710, 25.2066, -105.1269

# Complementary

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



152.4770, 30.3308, 25.0147



187.5230, -30.3308, -25.0147

# 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.



113.2250, 4.8191, -99.2983



152.4770, 30.3308, 25.0147



140.8880, -43.8218, 8.8682

# Square

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



152.4770, 30.3308, 25.0147



146.6930, -30.9076, 66.9212



134.8750, -27.5464, -31.4624



122.8980, 44.4203, -107.7815



# Rectangle

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



152.4770, 30.3308, 25.0147



148.0770, -2.9960, 74.4775



134.8750, -27.5464, -31.4624



118.0470, 18.2178, -103.5272

# Sweetspot

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



152.4770, 30.3308, 25.0147



233.5140, 10.5926, 9.1962



155.9900, 28.5989, -26.3012



115.3410, 6.2409, 4.9629



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.



152.4770, 30.3308, 25.0147



167.5720, 43.1020, 35.4554



161.2040, 21.0984, 46.3021



99.3470, 3.7729, 3.2037



51.4870, 58.9199, 48.6849



12.9750, 14.8023, 12.2999



# Inverse Universe

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



156.0740, 1.4425, 50.8011



172.7330, 2.1036, 72.1482



178.7960, -21.0984, -46.3021



99.7450, 0.1257, 6.3626



58.4250, 2.7485, 98.7283

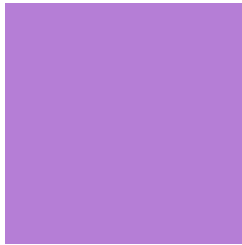


14.6810, 0.6503, 24.8358



# Previews

## White Background



This preview shows how the YUV color 152.4770, 30.3308, 25.0147 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

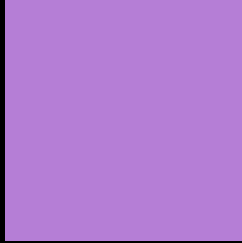
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 152.4770, 30.3308, 25.0147 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

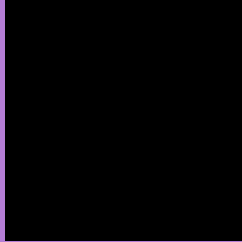
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 152.4770, 30.3308, 25.0147

## Background



This preview shows how black text looks on a background with the YUV color 152.4770, 30.3308, 25.0147.



This preview shows how white text looks on a background with the YUV color 152.4770, 30.3308, 25.0147.



# 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

152.4770, 30.3308, 25.0147

### Protanopia

146.3180, 41.2552, -25.7119

### Deuteranopia

147.9030, 30.6138, -19.2089



## Tritanopia

150.5230, 0.2352, 17.9583

# Trichromacy



## Original Color

152.4770, 30.3308, 25.0147



## Protanomaly

148.4020, 37.2698, -7.3686



## Deuteranomaly

149.3010, 30.4176, -2.8950



## Tritanomaly

151.4060, 11.1388, 20.6919

# Monochromacy



## Original Color

152.4770, 30.3308, 25.0147



## Achromatopsia

152.0000, 0.0000, 0.0000



## Achromatomaly

152.6280, 11.0294, 9.0962

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.4770, 30.3308, 25.0147 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(181, 126, 214)` looks like.

```
.text, #text, p{  
    color:rgb(181, 126, 214)  
}
```

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(181, 126, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 126, 214) }
```

## Border

The CSS property to change the border of an element to YUV 152.4770, 30.3308, 25.0147 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(181, 126, 214) }
```



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

```
.border{ border-color:rgb(181, 126, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 126, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 126, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 126, 214);  
box-shadow:4px 4px 4px 4px rgb(181, 126,  
214) }
```

# Background

The CSS property to change the background color of an element to YUV 152.4770, 30.3308, 25.0147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 126, 214) }
```

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

```
.background{ background-color: rgb(181,  
126, 214) }
```

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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