

# Converting Colors

YUV(152.1520, 26.5471,  
25.2997)

Have a look what the booklet for  
YUV(152.1520, 26.5471, 25.2997)  
contains.

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# Color

**YUV(152.1520, 26.5471,  
25.2997)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B57FCE
RGB	181, 127, 206
RGB Percent	71%, 50%, 81%
CMY	0.2902, 0.5020, 0.1922
CMYK	0.12, 0.38, 0.00, 0.19
HSL	281°, 45%, 65%
HSV	281°, 38%, 81%
XYZ	37.7860, 29.4587, 62.0871
YIQ	152.1520, 6.8250, 36.0170

# Conversions

## Conversions Part 2

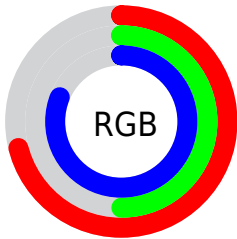
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 127, 206
Decimal	11894734
CIE <sub>Lab</sub>	61.18, 34.96, -32.77
CIE <sub>LCh</sub>	61, 47.917, 316.849
Yxy	29.4587, 0.2922, 0.2278
Android (android.graphics.Color)	4290084814 (0xFFB57FCE)
YUV	152.1520, 26.5471, 25.2997
Hunter-Lab	54.2759, 29.2860, -29.8297

# Details

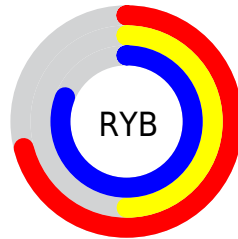
The YUV color **152.1520, 26.5471, 25.2997** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **180.8480, -26.5471, -25.2997**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4790, 23.9209, 27.6439**, and **100.3860, 24.9527, 23.3405** is the 20% darker color. If you saturate the color by 10%, you get **137.7320, 33.6561, 31.8070**, and if you desaturate by 10%, it is **166.5720, 19.4380, 18.7924**.

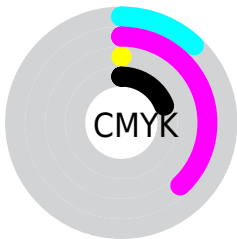
# Distribution



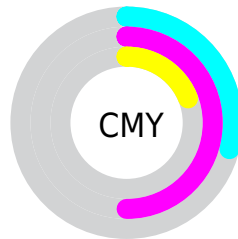
- Red (71%)
- Green (50%)
- Blue (81%)



- Red (71%)
- Yellow (50%)
- Blue (81%)



- Cyan (12%)
- Magenta (38%)
- Yellow (0%)
- Black (19%)



- Cyan (29%)
- Magenta (50%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.1520, 26.5471, 25.2997 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 152.1520, 26.5471, 25.2997 by changing the saturation by 10% instead.



152.1520, 26.5471,  
25.2997

152.1520, 26.5471,  
25.2997

255.0000, 0.0000,  
0.0000

125.6250, 25.8209,  
24.8849

206.4790, 23.9209,  
27.6439

100.3860, 24.9527,  
23.3405

227.4110, 13.6014,  
24.1956

74.9730, 24.6633,  
22.8257

244.4340, 5.2090,  
9.2664

50.8480, 24.2319,  
21.1813

25.6740, 24.8107,  
22.2109

15.3110, 18.5807,  
13.7593

4.5940, 12.5252,

-4.0289

■ 0.1140, 0.4368,  
-0.1000

■ 0.0000, 0.0000,  
0.0000

■ 152.1520, 26.5471,  
25.2997

■ 152.1520, 26.5471,  
25.2997

■ 137.7320, 33.6561,  
31.8070

■ 166.5720, 19.4380,  
18.7924

■ 124.1980, 40.3284,  
38.4144

■ 180.1060, 12.7657,  
12.1850

■ 109.7780, 47.4374,  
44.9217

■ 194.5260, 5.6567,  
5.6777

■ 96.2440, 54.1097,  
51.5290

■ 208.0600, -1.0156,  
-0.9296

■ 81.8240, 61.2188,  
58.0364

■ 222.4800, -8.1246,  
-7.4370

■ 67.7030, 68.1804,  
65.1585

■ 236.6010,  
-15.0863, -14.5591

■ 65.6430, 69.1960,  
66.0881

■ 241.0420,  
-17.2757, -12.3148

■ 242.8360,  
-18.1601, -8.6262

■ 244.9290,  
-19.1920, -4.3227

# Harmonies

## Analogous

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



146.2150, 40.8130, -23.8676



152.1520, 26.5471, 25.2997



150.6540, 8.5516, 57.3084

# Triad

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



152.1520, 26.5471, 25.2997



144.9870, -40.4196, 37.7224



118.6970, 25.7854, -104.0973

# Complementary

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



152.1520, 26.5471, 25.2997



180.8480, -26.5471, -25.2997

# 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.



113.0940, 6.8557, -99.1834



152.1520, 26.5471, 25.2997



141.5440, -38.7222, 6.5389

# Square

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



152.1520, 26.5471, 25.2997



146.8170, -28.9968, 60.6735



135.7980, -24.0574, -30.5178



121.1540, 42.8151, -106.2521



# Rectangle

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



152.1520, 26.5471, 25.2997



148.6910, -4.2847, 67.8000



135.7980, -24.0574, -30.5178



116.9870, 19.2334, -102.5976

# Sweetspot

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



152.1520, 26.5471, 25.2997



233.8130, 10.4452, 9.8110



150.6810, 27.2723, -20.7682



115.6400, 6.0935, 5.5777



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.



152.1520, 26.5471, 25.2997



175.2580, 39.3128, 37.4847



158.0310, 16.7467, 42.0688



95.2330, 3.3361, 3.3037



52.7110, 55.8515, 52.8735



12.1060, 12.7657, 12.1850



# Inverse Universe

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



153.4710, -0.7252, 46.0679



177.2010, -1.0851, 68.2297



174.9690, -16.7467, -42.0688



95.3320, -0.1637, 5.8478



55.5620, -1.7561, 96.8541

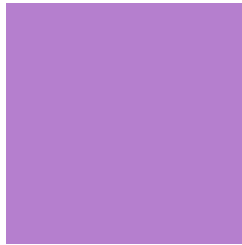


12.7300, -0.3599, 22.1618



# Previews

## White Background



This preview shows how the YUV color 152.1520, 26.5471, 25.2997 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

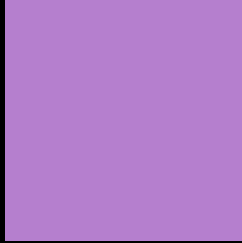
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 152.1520, 26.5471, 25.2997 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

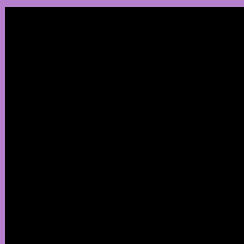
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 152.1520, 26.5471, 25.2997

## Background



This preview shows how black text looks on a background with the YUV color 152.1520, 26.5471, 25.2997.



This preview shows how white text looks on a background with the YUV color 152.1520, 26.5471,



# 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

152.1520, 26.5471, 25.2997

### Protanopia

146.7870, 36.5870, -21.7382

### Deuteranopia

147.8990, 26.6718, -14.8204



## Tritanopia

150.1210, -0.0597, 19.1879

# Trichromacy



## Original Color

152.1520, 26.5471, 25.2997

## Protanomaly

148.3870, 33.3332, -4.7244

## Deuteranomaly

149.2860, 26.4810, -0.2508

## Tritanomaly

150.9500, 9.3917, 21.0919

# Monochromacy



## Original Color

152.1520, 26.5471, 25.2997

## Achromatopsia

152.0000, 0.0000, 0.0000

## Achromatomaly

152.2860, 9.7190, 9.3962

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.1520, 26.5471, 25.2997 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, 127, 206)` looks like.

```
.text, #text, p{  
    color:rgb(181, 127, 206)  
}
```

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, 127, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 127, 206) }
```

## Border

The CSS property to change the border of an element to YUV 152.1520, 26.5471, 25.2997 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".

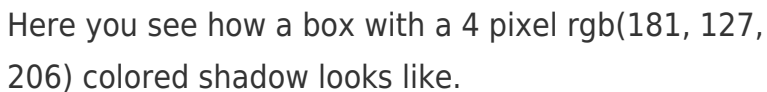
```
.border, #border, table{ border:4px solid rgb(181, 127, 206) }
```



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

```
.border{ border-color:rgb(181, 127, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 127, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 127, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 127, 206);  
box-shadow:4px 4px 4px 4px rgb(181, 127,  
206) }
```

# Background

The CSS property to change the background color of an element to YUV 152.1520, 26.5471, 25.2997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 127, 206) }
```

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

```
.background{ background-color: rgb(181,  
127, 206) }
```

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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