

# Converting Colors

YUV(152.1000, 48.7577,  
-5.3497)

Have a look what the booklet for  
YUV(152.1000, 48.7577, -5.3497)  
contains.

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# Color

**YUV(152.1000, 48.7577,  
-5.3497)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9288FB
RGB	146, 136, 251
RGB Percent	57%, 53%, 98%
CMY	0.4275, 0.4667, 0.0157
CMYK	0.42, 0.46, 0.00, 0.02
HSL	245°, 93%, 76%
HSV	245°, 46%, 98%
XYZ	38.0708, 30.6843, 95.1829
YIQ	152.1000, -30.9550, 37.8850

# Conversions

## Conversions Part 2

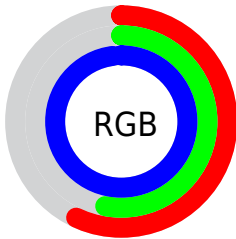
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 136, 251
Decimal	9603323
CIE <sub>Lab</sub>	62.24, 31.33, -56.34
CIE <sub>LCh</sub>	62, 64.461, 299.078
Yxy	30.6843, 0.2322, 0.1872
Android (android.graphics.Color)	4287793403 (0xFF9288FB)
YUV	152.1000, 48.7577, -5.3497
Hunter-Lab	55.3935, 25.7409, -63.1030

# Details

The YUV color **152.1000, 48.7577, -5.3497** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **234.9000, -48.7577, 5.3497**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.0090, 26.6176, 2.6231**, and **99.2090, 46.7320, -8.9533** is the 20% darker color. If you saturate the color by 10%, you get **130.5480, 59.3828, -6.6196**, and if you desaturate by 10%, it is **173.6520, 38.1326, -4.0798**.

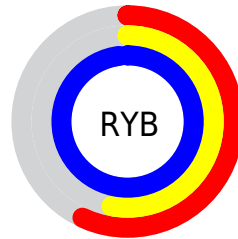
# Distribution



Red (57%)

Green (53%)

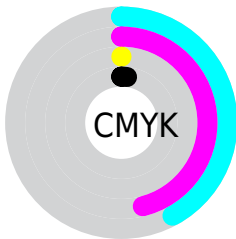
Blue (98%)



Red (57%)

Yellow (53%)

Blue (98%)

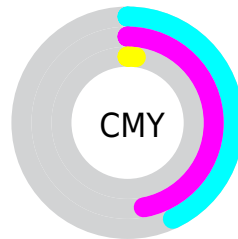


Cyan (42%)

Magenta (46%)

Yellow (0%)

Black (2%)



Cyan (43%)

Magenta (47%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.1000, 48.7577, -5.3497 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 152.1000, 48.7577, -5.3497 by changing the saturation by 10% instead.



■ 152.1000, 48.7577,  
-5.3497

■ 152.1000, 48.7577,  
-5.3497

255.0000, 0.0000,  
0.0000

■ 125.4480, 47.6001,  
-7.4089

■ 201.0090, 26.6176,  
2.6231

■ 99.2090, 46.7320,  
-8.9533

■ 226.4150, 14.0924,  
6.6520

■ 73.2470, 45.7272,  
-13.3716

■ 249.7170, 2.6045,  
4.6332

■ 45.8930, 45.9018,  
-22.7082

■ 24.6220, 43.5704,  
-21.5935

■ 10.0320, 38.4382,  
-8.7981

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,  
-5.6435

■ 2.6390, 7.5730,  
-2.3144

■ 152.1000, 48.7577,  
-5.3497

■ 152.1000, 48.7577,  
-5.3497

■ 130.5480, 59.3828,  
-6.6196

■ 173.6520, 38.1326,  
-4.0798

■ 108.9960, 70.0080,  
-7.8895

■ 195.2040, 27.5074,  
-2.8099

■ 87.4440, 80.6331,  
-9.1594

■ 216.7560, 16.8823,  
-1.5400

■ 65.8920, 91.2582,  
-10.4293

■ 238.3080, 6.2572,  
-0.2701

■ 44.3400, 101.8834, 254.5440, -1.7472,  
-11.6992 0.3999

■ 35.1920, 106.3933,  
-11.5694

# Harmonies

## Analogous

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



121.8160, 65.6597, -106.8326



152.1000, 48.7577, -5.3497



153.3930, 27.9073, 55.7833

# Triad

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



152.1000, 48.7577, -5.3497



146.0510, -47.3531, 68.3613



120.6570, 12.9871, -105.8162

# Complementary

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



152.1000, 48.7577, -5.3497



234.9000, -48.7577, 5.3497

# 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.



118.7590, -15.1642, -83.1036



152.1000, 48.7577, -5.3497



141.5910, -63.3954, 33.6847

# Square

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



152.1000, 48.7577, -5.3497



145.7960, -23.5634, 91.3869



137.0890, -48.8509, -11.4791



127.2690, 38.3214, -111.6149



# Rectangle

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



152.1000, 48.7577, -5.3497



149.4320, 12.1120, 82.0591



137.0890, -48.8509, -11.4791



117.7900, 4.5405, -103.3018

# Sweetspot

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



152.1000, 48.7577, -5.3497



224.0010, 15.2825, -1.7549



210.7450, 19.8457, -65.5514



109.1060, 9.3147, -0.9700



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.



152.1000, 48.7577, -5.3497



134.5480, 59.3828, -6.6196



169.1430, 40.3555, 29.6926



114.0800, 5.3836, -0.0702



26.3300, 80.1963, -9.0594



8.4490, 25.9076, -3.0248



# Inverse Universe

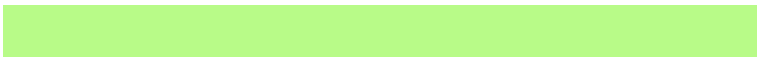
The Inverse Universe completely reimagines the original color for something new.



182.3550, 28.9120, 60.2017



171.4520, 35.2732, 73.2716



217.8570, -40.3555, -29.6926



117.2550, 3.3253, 6.7924



76.1190, 47.2693, 98.9966

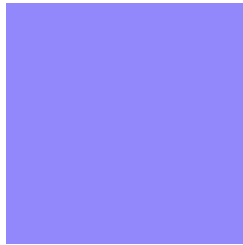


24.6230, 15.4689, 31.9026



# Previews

## White Background



This preview shows how the YUV color 152.1000, 48.7577, -5.3497 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

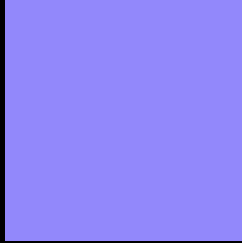
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 152.1000, 48.7577, -5.3497 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

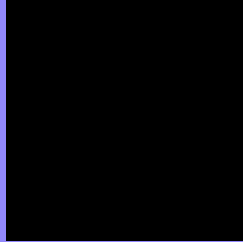
Any Text WCAG AA ✓ Pass

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 152.1000, 48.7577, -5.3497 Background



This preview shows how black text looks on a background with the YUV color 152.1000, 48.7577, -5.3497.



This preview shows how white text looks on a background with the YUV color 152.1000, 48.7577, -5.3497.

-5.3497.

# 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

152.1000, 48.7577, -5.3497

### Protanopia

146.4550, 53.5127, -37.2330

### Deuteranopia

143.2210, 51.6560, -48.4288



## **Tritanopia**

147.3980, 9.6638, -19.6430

# Trichromacy



## Original Color

152.1000, 48.7577, -5.3497

## Protanomaly

148.4780, 52.0223, -25.8522

## Deuteranomaly

146.6790, 50.4443, -33.0445

## Tritanomaly

149.2150, 24.0510, -14.2206

# Monochromacy



## Original Color

152.1000, 48.7577, -5.3497

## Achromatopsia

152.0000, 0.0000, 0.0000

## Achromatomaly

151.9840, 17.7559, -1.7400

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.1000, 48.7577, -5.3497 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(146, 136, 251)` looks like.

```
.text, #text, p{  
    color:rgb(146, 136, 251)  
}
```

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(146, 136, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 136, 251) }
```

## Border

The CSS property to change the border of an element to YUV 152.1000, 48.7577, -5.3497 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(146, 136, 251) }
```



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

```
.border{ border-color:rgb(146, 136, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 136, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 136, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 136, 251);  
box-shadow:4px 4px 4px 4px rgb(146, 136,  
251) }
```

# Background

The CSS property to change the background color of an element to YUV 152.1000, 48.7577, -5.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 136, 251) }
```

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

```
.background{ background-color: rgb(146,  
136, 251) }
```

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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