

# Converting Colors

YUV(121.2960, 51.6191,  
10.2644)

Have a look what the booklet for  
YUV(121.2960, 51.6191, 10.2644)  
contains.

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# Color

**YUV(121.2960, 51.6191,  
10.2644)**

# Conversions

## Conversions Part 1

Format	Color
Hex	855FE2
RGB	133, 95, 226
RGB Percent	52%, 37%, 89%
CMY	0.4784, 0.6275, 0.1137
CMYK	0.41, 0.58, 0.00, 0.11
HSL	257°, 69%, 63%
HSV	257°, 58%, 89%
XYZ	27.4925, 18.6620, 74.1046
YIQ	121.2960, -19.4030, 48.7970

# Conversions

## Conversions Part 2

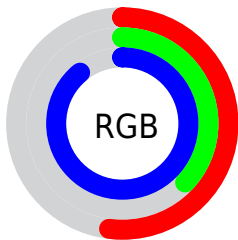
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 95, 226
Decimal	8740834
CIE <sub>Lab</sub>	50.29, 44.94, -61.63
CIE <sub>LCh</sub>	50, 76.277, 306.099
Yxy	18.6620, 0.2286, 0.1552
Android (android.graphics.Color)	4286930914 (0xFF855FE2)
YUV	121.2960, 51.6191, 10.2644
Hunter-Lab	43.1995, 37.9999, -71.4667

# Details

The YUV color **121.2960, 51.6191, 10.2644** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **199.7040, -51.6191, -10.2644**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4680, 40.6883, 16.2526**, and **68.8070, 49.8881, 5.4313** is the 20% darker color. If you saturate the color by 10%, you get **103.0110, 60.6336, 12.2684**, and if you desaturate by 10%, it is **139.5810, 42.6046, 8.2605**.

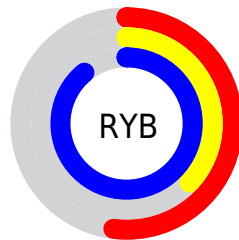
# Distribution



Red (52%)

Green (37%)

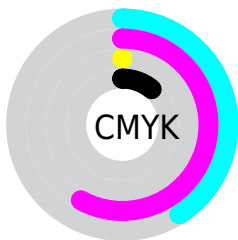
Blue (89%)



Red (52%)

Yellow (37%)

Blue (89%)

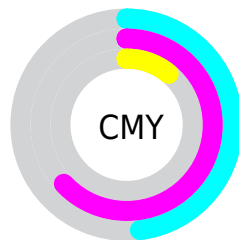


Cyan (41%)

Magenta (58%)

Yellow (0%)

Black (11%)



Cyan (48%)

Magenta (63%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.2960, 51.6191, 10.2644 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 121.2960, 51.6191, 10.2644 by changing the saturation by 10% instead.



■ 121.2960, 51.6191,  
10.2644

■ 121.2960, 51.6191,  
10.2644

■ 255.0000, 0.0000,  
0.0000

■ 94.7580, 50.8983,  
8.1052

■ 172.4680, 40.6883,  
16.2526

■ 68.8070, 49.8881,  
5.4313

■ 196.9880, 28.5999,  
20.1815

■ 42.0730, 49.7570,  
0.8130

■ 222.3940, 16.0748,  
24.2105

■ 13.2240, 50.6686,  
-11.5974

■ 240.3250, 7.2348,  
12.8700

■ 10.3740, 39.7486,  
-9.0980

■ 10.4590, 27.3817,  
-9.1725

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,  
-2.6143

■ 0.0000, 0.0000,  
0.0000

■ 121.2960, 51.6191,  
10.2644

■ 121.2960, 51.6191,  
10.2644

■ 103.0110, 60.6336,  
12.2684

■ 139.5810, 42.6046,  
8.2605

■ 85.3130, 69.3587,  
13.7575

■ 157.2790, 33.8795,  
6.7713

■ 67.0280, 78.3732,  
15.7614

■ 175.5640, 24.8649,  
4.7674

■ 49.3300, 87.0983,  
17.2506

■ 193.2620, 16.1398,  
3.2782

■ 45.4980, 88.9875,  
17.9803

■ 211.5470, 7.1253,  
1.2743

■ 229.8320, -1.8892,  
-0.7297

■ 247.5300,  
-10.6143, -2.2188

■ 251.6940,  
-12.6671, 2.8994

# Harmonies

## Analogous

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



101.4020, 73.7518, -88.9296



121.2960, 51.6191, 10.2644



112.8290, 30.1573, 80.8340

# Triad

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



121.2960, 51.6191, 10.2644



111.9660, -55.1992, 64.9278



101.3370, 15.1169, -88.8725

# Complementary

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



121.2960, 51.6191, 10.2644



199.7040, -51.6191, -10.2644

# 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.



91.7100, -14.1540, -80.4297



121.2960, 51.6191, 10.2644



111.0930, -54.7688, 20.0894

# Square

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



121.2960, 51.6191, 10.2644



105.9560, -29.5583, 100.8936



98.0710, -48.3490, -32.5113



108.5190, 42.6351, -95.1712



# Rectangle

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



121.2960, 51.6191, 10.2644



98.6560, 15.9456, 112.5577



98.0710, -48.3490, -32.5113



98.1280, 5.3599, -86.0583

# Sweetspot

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



121.2960, 51.6191, 10.2644



220.4900, 17.0134, 3.0783



165.1120, 30.0178, -61.4882



107.0570, 10.3249, 1.7040



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.



121.2960, 51.6191, 10.2644



112.5410, 70.2323, 13.5575



140.7310, 42.0376, 50.2249



103.1510, 4.3626, 0.7446



35.3130, 69.3587, 13.7575



9.6580, 18.9026, 3.8079



# Inverse Universe

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



144.7710, 21.3119, 71.2378



144.5860, 28.7981, 96.8331



180.2690, -42.0376, -50.2249



105.2010, 1.8729, 5.9627



66.8740, 28.6561, 95.7035

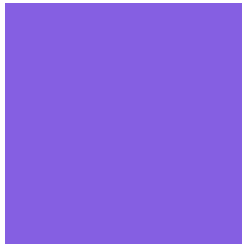


18.2280, 7.7756, 26.1100



# Previews

## White Background



This preview shows how the YUV color 121.2960, 51.6191, 10.2644 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

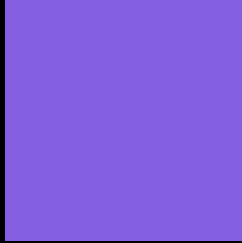
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 121.2960, 51.6191, 10.2644 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

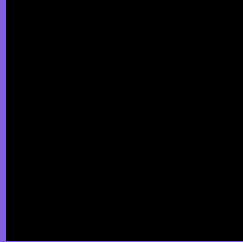
Any Text WCAG AA ✓ Pass

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 121.2960, 51.6191, 10.2644 Background



This preview shows how black text looks on a background with the YUV color 121.2960, 51.6191, 10.2644.



This preview shows how white text looks on a background with the YUV color 121.2960, 51.6191, 10.2644.



# 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

121.2960, 51.6191, 10.2644

### Protanopia

95.4350, 73.7355, -83.6965

### Deuteranopia

96.1240, 58.6059, -84.3007



## Tritanopia

118.7370, 5.5527, -7.6623

# Trichromacy



## Original Color

121.2960, 51.6191, 10.2644



## Protanomaly

104.8800, 65.6282, -49.8838



## Deuteranomaly

105.0620, 56.1714, -50.0434



## Tritanomaly

119.8360, 22.2659, -1.6102

# Monochromacy



## Original Color

121.2960, 51.6191, 10.2644



## Achromatopsia

121.0000, 0.0000, 0.0000



## Achromatomaly

121.2450, 18.6132, 3.2931

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.2960, 51.6191, 10.2644 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(133, 95, 226)` looks like.

```
.text, #text, p{  
    color:rgb(133, 95, 226)  
}
```

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(133, 95, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 95, 226) }
```

## Border

The CSS property to change the border of an element to YUV 121.2960, 51.6191, 10.2644 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(133, 95, 226) }
```



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

```
.border{ border-color:rgb(133, 95, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 95, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 95, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 95, 226);  
box-shadow:4px 4px 4px 4px rgb(133, 95,  
226) }
```

# Background

The CSS property to change the background color of an element to YUV 121.2960, 51.6191, 10.2644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 95, 226) }
```

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

```
.background{ background-color: rgb(133, 95,  
226) }
```

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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