

# Converting Colors

YUV(157.1560, 47.2511,  
11.2642)

Have a look what the booklet for  
YUV(157.1560, 47.2511, 11.2642)  
contains.

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# Color

**YUV(157.1560, 47.2511,  
11.2642)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA84FD
RGB	170, 132, 253
RGB Percent	67%, 52%, 99%
CMY	0.3333, 0.4824, 0.0078
CMYK	0.33, 0.48, 0.00, 0.01
HSL	259°, 97%, 75%
HSV	259°, 48%, 99%
XYZ	42.5585, 32.1404, 96.8892
YIQ	157.1560, -16.1930, 45.6870

# Conversions

## Conversions Part 2

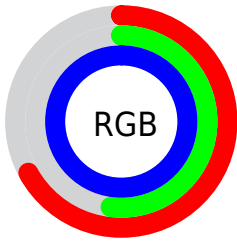
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">170, 132, 253</a>
Decimal	<a href="#">11175165</a>
CIELab	<a href="#">63.46, 40.02, -55.37</a>
CIElCh	<a href="#">63, 68.322, 305.860</a>
Yxy	<a href="#">32.1404, 0.2480, 0.1873</a>
Android (android.graphics.Color)	<a href="#">4289365245 (0xFFAA84FD)</a>
YUV	<a href="#">157.1560, 47.2511, 11.2642</a>
Hunter-Lab	<a href="#">56.6925, 34.7860, -61.6435</a>

# Details

The YUV color **157.1560, 47.2511, 11.2642** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **227.8440, -47.2511, -11.2642**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4240, 23.9480, 18.9222**, and **103.9770, 45.3673, 8.7902** is the 20% darker color. If you saturate the color by 10%, you get **137.3980, 56.9918, 13.6830**, and if you desaturate by 10%, it is **176.9140, 37.5104, 8.8454**.

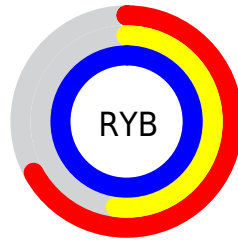
# Distribution



Red (67%)

Green (52%)

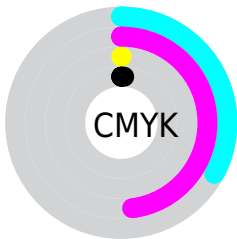
Blue (99%)



Red (67%)

Yellow (52%)

Blue (99%)

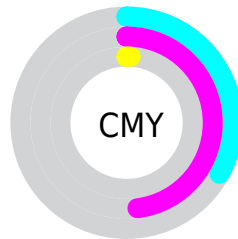


Cyan (33%)

Magenta (48%)

Yellow (0%)

Black (1%)



Cyan (33%)

Magenta (48%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 157.1560, 47.2511, 11.2642 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 157.1560, 47.2511, 11.2642 by changing the saturation by 10% instead.



157.1560, 47.2511,  
11.2642

157.1560, 47.2511,  
11.2642

255.0000, 0.0000,  
0.0000

130.2160, 46.2355,  
10.3346

206.4240, 23.9480,  
18.9222

103.9770, 45.3673,  
8.7902

230.9330, 11.8650,  
21.1068

78.3250, 44.2098,  
6.7310

247.3690, 3.7621,  
6.6924

53.0750, 43.3470,  
3.4422

25.8570, 43.9475,  
-2.5056

10.2600, 39.3118,  
-8.9980

7.4100, 28.3919,

-6.4986

■ 6.5490, 17.4773,  
-5.7435

■ 2.8670, 8.4466,  
-2.5144

■ 157.1560, 47.2511,  
11.2642

■ 157.1560, 47.2511,  
11.2642

■ 137.3980, 56.9918,  
13.6830

■ 176.9140, 37.5104,  
8.8454

■ 116.7540, 67.1693,  
16.0017

■ 197.5580, 27.3329,  
6.5266

■ 96.9960, 76.9100,  
18.4205

■ 217.3160, 17.5922,  
4.1079

■ 77.2380, 86.6507,  
20.8393

■ 237.0740, 7.8515,  
1.6891

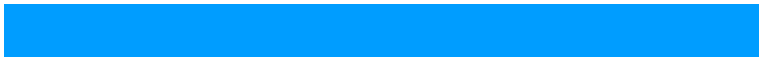
■ 57.1810, 96.5388, 254.7720, -0.8736,  
22.6433 0.2000

■ 52.4630, 98.8647,  
23.2729

# Harmonies

## Analogous

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



121.2290, 65.9491, -106.3178



157.1560, 47.2511, 11.2642



154.9820, 24.6589, 71.0528

# Triad

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



157.1560, 47.2511, 11.2642



147.7380, -56.0728, 65.1278



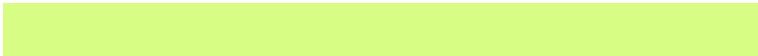
125.5300, 18.9657, -110.0898

# Complementary

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



157.1560, 47.2511, 11.2642



227.8440, -47.2511, -11.2642

# 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.



116.5870, -7.6844, -102.2468



157.1560, 47.2511, 11.2642



142.4130, -70.2096, 25.9478

# Square

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



157.1560, 47.2511, 11.2642



148.2710, -30.6996, 93.6013



136.9840, -46.3341, -25.4190



131.7830, 45.4630, -115.5737



# Rectangle

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



157.1560, 47.2511, 11.2642



149.6460, 7.5695, 92.3955



136.9840, -46.3341, -25.4190



122.5490, 10.0823, -107.4755

# Sweetspot

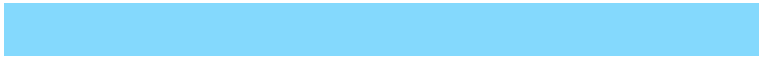
The Sweet Spot groups the original color and five complimentary colors.



157.1560, 47.2511, 11.2642



226.6920, 13.9558, 3.7781



195.6890, 28.2543, -55.8553



110.6010, 8.5777, 2.1039



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.



157.1560, 47.2511, 11.2642



139.9850, 56.7024, 13.1682



174.7970, 38.5541, 47.5360



117.6780, 5.0887, 1.1594



39.7140, 74.5840, 17.7908



13.2760, 25.0069, 5.8969



# Inverse Universe

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



177.6410, 18.4180, 66.0898



164.6410, 21.8690, 79.2448



210.2030, -38.5541, -47.5360



119.7990, 1.5781, 7.1923



72.0430, 29.0658, 104.3253

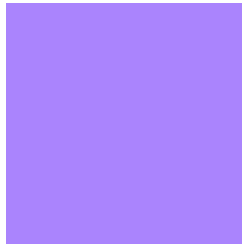


24.1520, 9.7851, 34.9467



# Previews

## White Background



This preview shows how the YUV color 157.1560, 47.2511, 11.2642 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

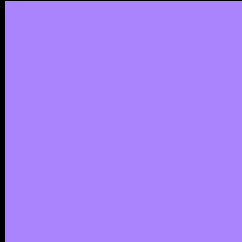
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 157.1560, 47.2511, 11.2642 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

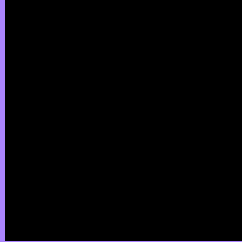
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 157.1560, 47.2511, 11.2642

## Background



This preview shows how black text looks on a background with the YUV color 157.1560, 47.2511, 11.2642.



This preview shows how white text looks on a background with the YUV color 157.1560, 47.2511, 11.2642.



# 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

157.1560, 47.2511, 11.2642

### Protanopia

150.0100, 51.7601, -35.0888

### Deuteranopia

147.6730, 49.4612, -44.4402



## Tritanopia

154.0690, 5.3890, -1.8145

# Trichromacy



## Original Color

157.1560, 47.2511, 11.2642

## Protanomaly

152.3650, 50.1061, -17.8601

## Deuteranomaly

151.2780, 48.6699, -23.9228

## Tritanomaly

155.1140, 20.6498, 3.4080

# Monochromacy



## Original Color

157.1560, 47.2511, 11.2642

## Achromatopsia

157.0000, 0.0000, 0.0000

## Achromatomaly

157.2020, 17.1554, 4.2078

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 157.1560, 47.2511, 11.2642 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(170, 132, 253)` looks like.

```
.text, #text, p{  
    color:rgb(170, 132, 253)  
}
```

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(170, 132, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 132, 253) }
```

## Border

The CSS property to change the border of an element to YUV 157.1560, 47.2511, 11.2642 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(170, 132, 253) }
```



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

```
.border{ border-color:rgb(170, 132, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 132, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 132, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 132, 253);  
box-shadow:4px 4px 4px 4px rgb(170, 132,  
253) }
```

# Background

The CSS property to change the background color of an element to YUV 157.1560, 47.2511, 11.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 132, 253) }
```

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

```
.background{ background-color: rgb(170,  
132, 253) }
```

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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