

# Converting Colors

YUV(154.3500, 36.3095,  
20.7411)

Have a look what the booklet for  
YUV(154.3500, 36.3095, 20.7411)  
contains.

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# Color

**YUV(154.3500, 36.3095,  
20.7411)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B280E4
RGB	178, 128, 228
RGB Percent	70%, 50%, 89%
CMY	0.3020, 0.4980, 0.1059
CMYK	0.22, 0.44, 0.00, 0.11
HSL	270°, 65%, 70%
HSV	270°, 44%, 89%
XYZ	40.0829, 30.5048, 77.1742
YIQ	154.3500, -2.3000, 41.7000

# Conversions

## Conversions Part 2

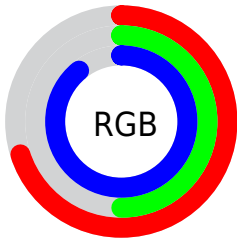
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">178, 128, 228</a>
Decimal	<a href="#">11698404</a>
CIELab	<a href="#">62.09, 38.37, -43.69</a>
CIElCh	<a href="#">62, 58.144, 311.292</a>
Yxy	<a href="#">30.5048, 0.2713, 0.2064</a>
Android (android.graphics.Color)	<a href="#">4289888484 (0xFFB280E4)</a>
YUV	<a href="#">154.3500, 36.3095, 20.7411</a>
Hunter-Lab	<a href="#">55.2311, 32.8883, -44.1839</a>

# Details

The YUV color **154.3500, 36.3095, 20.7411** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **201.6500, -36.3095, -20.7411**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1690, 24.0737, 25.2848**, and **101.5840, 34.7151, 18.7818** is the 20% darker color. If you saturate the color by 10%, you get **137.5600, 44.5869, 25.8189**, and if you desaturate by 10%, it is **171.1400, 28.0320, 15.6632**.

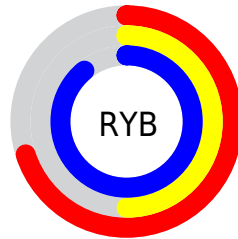
# Distribution



Red (70%)

Green (50%)

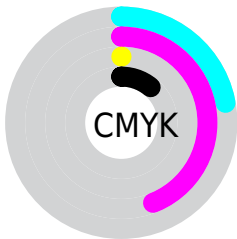
Blue (89%)



Red (70%)

Yellow (50%)

Blue (89%)

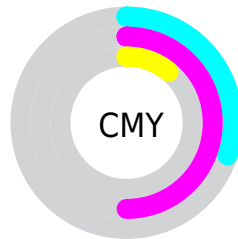


Cyan (22%)

Magenta (44%)

Yellow (0%)

Black (11%)



Cyan (30%)

Magenta (50%)


Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 154.3500, 36.3095, 20.7411 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 154.3500, 36.3095, 20.7411 by changing the saturation by 10% instead.





 154.3500, 36.3095,  
20.7411


 154.3500, 36.3095,  
20.7411


255.0000, 0.0000,  
0.0000


 127.5240, 35.7307,  
19.7115


 206.1690, 24.0737,  
25.2848


 101.5840, 34.7151,  
18.7818


 228.5850, 13.0226,  
23.1660

 76.3450, 33.8469,  
17.2374

 245.0210, 4.9196,  
8.7516

 51.5190, 33.2681,  
16.2078

 26.2200, 33.4155,  
15.5931

 13.9600, 27.6277,  
5.2971

 5.2440, 20.0927,

-4.5990

■ 3.4370, 10.6306,  
-3.0142

■ 0.0000, 0.0000,  
0.0000

■ 154.3500, 36.3095,  
20.7411

■ 154.3500, 36.3095,  
20.7411

■ 137.5600, 44.5869,  
25.8189

■ 171.1400, 28.0320,  
15.6632

■ 120.4710, 53.0118,  
30.2819

■ 188.2290, 19.6071,  
11.2002

■ 104.2680, 60.9999,  
34.8450

■ 204.4320, 11.6190,  
6.6371

■ 87.1790, 69.4248,  
39.3080

■ 221.5210, 3.1941,  
2.1741

70.3890, 77.7022,  
44.3858

238.3110, -5.0833,  
-2.9037

60.0780, 82.7855,  
47.2896

249.2310,  
-10.4669, -2.8336

251.9220,  
-11.7935, 2.6994

# Harmonies

## Analogous

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



141.4920, 53.9874, -49.5435



154.3500, 36.3095, 20.7411



152.2450, 15.6552, 65.5601

# Triad

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



154.3500, 36.3095, 20.7411



146.3000, -48.4619, 50.6029



121.9910, 23.1754, -106.9861

# Complementary

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



154.3500, 36.3095, 20.7411



201.6500, -36.3095, -20.7411

# 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.



114.6610, 0.1671, -100.5577



154.3500, 36.3095, 20.7411



142.2710, -51.4056, 14.6713

# Square

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



154.3500, 36.3095, 20.7411



147.0470, -31.0822, 76.2578



135.6920, -33.3722, -29.5479



126.2890, 44.7205, -110.7555



# Rectangle

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



154.3500, 36.3095, 20.7411



149.3320, 0.3293, 81.2698



135.6920, -33.3722, -29.5479



119.9390, 15.3131, -105.1865

# Sweetspot

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



154.3500, 36.3095, 20.7411



230.5460, 12.0558, 6.5372



168.7500, 29.2103, -35.7377



112.3840, 7.6987, 4.0482



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.



154.3500, 36.3095, 20.7411



155.4230, 49.0915, 27.6930



169.3000, 28.9391, 51.4799



106.1620, 4.3571, 2.4889



47.0170, 65.0676, 36.8191



13.5880, 18.4441, 10.8853



# Inverse Universe

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



163.6000, 7.0992, 56.4788



168.0030, 9.3655, 76.2964



186.7000, -28.9391, -51.4799



107.2720, 0.8519, 6.7775



63.6670, 12.4892, 101.1470



18.2130, 3.8390, 28.7542



# Previews

## White Background



This preview shows how the YUV color 154.3500, 36.3095, 20.7411 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

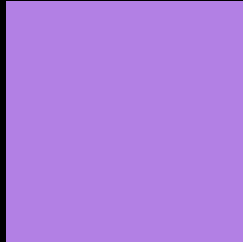
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 154.3500, 36.3095, 20.7411 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

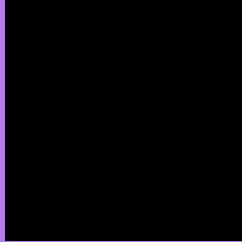
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 154.3500, 36.3095, 20.7411

## Background



This preview shows how black text looks on a background with the YUV color 154.3500, 36.3095, 20.7411.



This preview shows how white text looks on a background with the YUV color 154.3500, 36.3095,



# 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

154.3500, 36.3095, 20.7411

### Protanopia

147.4080, 48.1129, -31.9298

### Deuteranopia

147.9820, 37.4769, -27.1712



## Tritanopia

151.9460, 1.9986, 12.3254

# Trichromacy



## Original Color

154.3500, 36.3095, 20.7411



## Protanomaly

149.7910, 43.9800, -12.9717



## Deuteranomaly

149.9780, 36.9858, -9.6277



## Tritanomaly

152.5840, 14.5021, 15.2738

# Monochromacy



## Original Color

154.3500, 36.3095, 20.7411



## Achromatopsia

154.0000, 0.0000, 0.0000



## Achromatomaly

154.4860, 13.0714, 7.4668

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 154.3500, 36.3095, 20.7411 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(178, 128, 228)` looks like.

```
.text, #text, p{  
    color:rgb(178, 128, 228)  
}
```

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(178, 128, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 128, 228) }
```

## Border

The CSS property to change the border of an element to YUV 154.3500, 36.3095, 20.7411 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(178, 128, 228) }
```



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

```
.border{ border-color:rgb(178, 128, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 128, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 128, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 128, 228);  
box-shadow:4px 4px 4px 4px rgb(178, 128,  
228) }
```

# Background

The CSS property to change the background color of an element to YUV 154.3500, 36.3095, 20.7411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 128, 228) }
```

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

```
.background{ background-color: rgb(178,  
128, 228) }
```

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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