

# Converting Colors

YUV(134.0350, 57.6637,  
31.5413)

Have a look what the booklet for  
YUV(134.0350, 57.6637, 31.5413)  
contains.

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# Color

**YUV(134.0350, 57.6637,  
31.5413)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA5DFB
RGB	170, 93, 251
RGB Percent	67%, 36%, 98%
CMY	0.3333, 0.6353, 0.0157
CMYK	0.32, 0.63, 0.00, 0.02
HSL	269°, 95%, 67%
HSV	269°, 63%, 98%
XYZ	37.9045, 23.3398, 93.7740
YIQ	134.0350, -4.8260, 65.4620

# Conversions

## Conversions Part 2

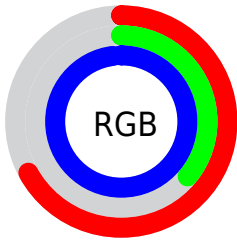
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 93, 251
Decimal	11165179
CIELab	55.42, 60.19, -67.15
CIELCh	55, 90.172, 311.871
Yxy	23.3398, 0.2445, 0.1506
Android (android.graphics.Color)	4289355259 (0xFFAA5DFB)
YUV	134.0350, 57.6637, 31.5413
Hunter-Lab	48.3113, 55.5045, -81.2663

# Details

The YUV color  $134.0350, 57.6637, 31.5413$  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  $209.9650, -57.6637, -31.5413$ , and the grayscale version is  $133.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $183.8300, 35.0868, 39.6141$ , and  $78.3830, 56.5062, 29.4821$  is the 20% darker color. If you saturate the color by 10%, you get  $115.4730, 66.8148, 36.4192$ , and if you desaturate by 10%, it is  $152.5970, 48.5127, 26.6634$ .

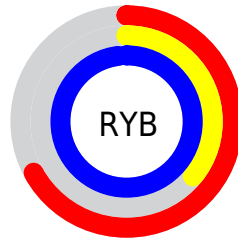
# Distribution



Red (67%)

Green (36%)

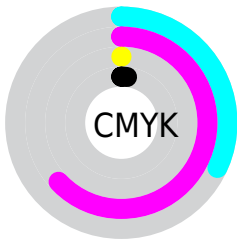
Blue (98%)



Red (67%)

Yellow (36%)

Blue (98%)

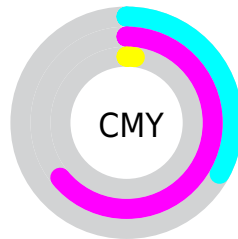


Cyan (32%)

Magenta (63%)

Yellow (0%)

Black (2%)



Cyan (33%)

Magenta (64%)


Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 134.0350, 57.6637, 31.5413 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 134.0350, 57.6637, 31.5413 by changing the saturation by 10% instead.





 134.0350, 57.6637,  
31.5413


 134.0350, 57.6637,  
31.5413


255.0000, 0.0000,  
0.0000


 106.2090, 57.0850,  
30.5117


 183.8300, 35.0868,  
39.6141


 78.3830, 56.5062,  
29.4821


 208.0400, 23.1513,  
41.1839


 44.0290, 60.1317,  
33.3006

 224.4760, 15.0483,  
26.7695

 30.9810, 52.7604,  
17.5567

 241.4990, 6.6560,  
11.8404

 14.5620, 48.0369,  
-7.5089

 9.9180, 38.0014,  
-8.6981

 10.5900, 25.3451,

-9.2874

■ 6.2070, 16.1669,  
-5.4435

■ 2.5250, 7.1362,  
-2.2144

■ 134.0350, 57.6637,  
31.5413

■ 134.0350, 57.6637,  
31.5413

■ 115.4730, 66.8148,  
36.4192

■ 152.5970, 48.5127,  
26.6634

■ 96.9110, 75.9659,  
41.2971

■ 171.1590, 39.3616,  
21.7856

■ 78.3490, 85.1169,  
46.1749

■ 189.7210, 30.2105,  
16.9077

■ 65.0920, 91.6526,  
49.9083

■ 207.9840, 21.2069,  
11.4150

■ 226.5460, 12.0558,  
6.5372

■ 245.6950, 2.6154,  
1.1445

■ 254.5440, -1.7472,  
0.3999

# Harmonies

## Analogous

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



107.1410, 72.8945, -93.9627



134.0350, 57.6637, 31.5413



106.7320, 37.6001, 120.3840

# Triad

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



134.0350, 57.6637, 31.5413



124.6580, -61.4564, 65.1979



115.4370, 23.4486, -101.2382

# Complementary

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



134.0350, 57.6637, 31.5413



209.9650, -57.6637, -31.5413

# 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.



104.2140, -11.9375, -91.3957



134.0350, 57.6637, 31.5413



121.3600, -59.8305, 10.2083

# Square

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



134.0350, 57.6637, 31.5413



114.0860, -43.4264, 115.6886



94.5730, -46.6245, -72.4165



123.2860, 56.0610, -108.1218



# Rectangle

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



134.0350, 57.6637, 31.5413



91.2930, 20.0686, 143.5710



94.5730, -46.6245, -72.4165



111.7720, 11.9444, -98.0240

# Sweetspot

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



134.0350, 57.6637, 31.5413



219.3490, 17.5759, 9.3409



159.1460, 45.2840, -58.0100



105.6060, 11.0402, 5.6075



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.



134.0350, 57.6637, 31.5413



111.5210, 70.7351, 39.0081



157.3570, 46.1660, 79.4939



115.5750, 4.6465, 3.0037



49.0540, 68.9934, 37.6636



15.9240, 22.2225, 12.3447



# Inverse Universe

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



149.4760, 12.0903, 89.0365



130.4060, 15.0828, 109.2689



186.6430, -46.1660, -79.4939



116.6850, 1.1413, 7.2923



67.5690, 14.5095, 106.4950

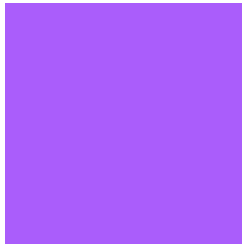


21.7730, 4.5489, 34.4021



# Previews

## White Background



This preview shows how the YUV color 134.0350, 57.6637, 31.5413 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

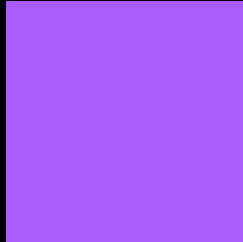
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 134.0350, 57.6637, 31.5413 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

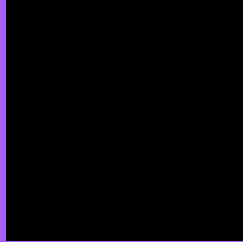
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 134.0350, 57.6637, 31.5413

## Background



This preview shows how black text looks on a background with the YUV color 134.0350, 57.6637, 31.5413.



This preview shows how white text looks on a background with the YUV color 134.0350, 57.6637, 31.5413.



# 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

134.0350, 57.6637, 31.5413

### Protanopia

122.1350, 65.5024, -56.2464

### Deuteranopia

106.4910, 65.3269, -93.3926



## Tritanopia

134.4190, 1.2724, 11.9105

# Trichromacy



## Original Color

134.0350, 57.6637, 31.5413



## Protanomaly

126.6490, 62.7840, -24.2482



## Deuteranomaly

116.6800, 62.2758, -47.9544



## Tritanomaly

134.4410, 21.4746, 18.9072

# Monochromacy



## Original Color

134.0350, 57.6637, 31.5413



## Achromatopsia

134.0000, 0.0000, 0.0000



## Achromatomaly

133.9840, 21.2069, 11.4150

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.0350, 57.6637, 31.5413 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, 93, 251)` looks like.

```
.text, #text, p{  
    color:rgb(170, 93, 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(170, 93, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 93, 251) }
```

## Border

The CSS property to change the border of an element to YUV 134.0350, 57.6637, 31.5413 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, 93, 251) }
```



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

```
.border{ border-color:rgb(170, 93, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 93, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 93, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 93, 251);  
box-shadow:4px 4px 4px 4px rgb(170, 93,  
251) }
```

# Background

The CSS property to change the background color of an element to YUV 134.0350, 57.6637, 31.5413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 93, 251) }
```

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

```
.background{ background-color: rgb(170, 93,  
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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