

# Converting Colors

YUV(171.0040, 31.0570,  
25.4295)

Have a look what the booklet for  
YUV(171.0040, 31.0570, 25.4295)  
contains.

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# Color

**YUV(171.0040, 31.0570,  
25.4295)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C890EA
RGB	200, 144, 234
RGB Percent	78%, 56%, 92%
CMY	0.2157, 0.4353, 0.0824
CMYK	0.15, 0.38, 0.00, 0.08
HSL	277°, 68%, 74%
HSV	277°, 38%, 92%
XYZ	48.6440, 38.1664, 82.6449
YIQ	171.0040, 4.4860, 39.8620

# Conversions

## Conversions Part 2

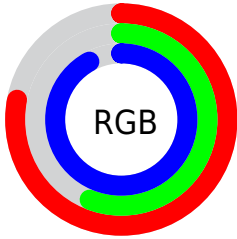
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	200, 144, 234
Decimal	13144298
CIE Lab	68.14, 37.26, -37.36
CIE LCh	68, 52.767, 314.920
Yxy	38.1664, 0.2871, 0.2252
Android (android.graphics.Color)	4291334378 (0xFFC890EA)
YUV	171.0040, 31.0570, 25.4295
Hunter-Lab	61.7790, 32.4355, -36.0701

# Details

The YUV color **171.0040, 31.0570, 25.4295** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **206.9960, -31.0570, -25.4295**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1280, 16.2059, 28.8287**, and **117.6510, 29.7521, 23.9851** is the 20% darker color. If you saturate the color by 10%, you get **154.8120, 39.0397, 31.7369**, and if you desaturate by 10%, it is **187.1960, 23.0744, 19.1221**.

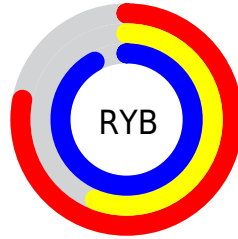
# Distribution



Red (78%)

Green (56%)

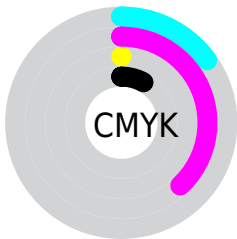
Blue (92%)



Red (78%)

Yellow (56%)

Blue (92%)

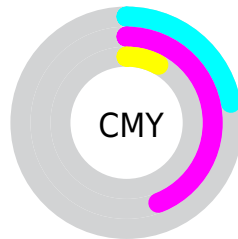


Cyan (15%)

Magenta (38%)

Yellow (0%)

Black (8%)



Cyan (22%)

Magenta (44%)


Yellow (8%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 171.0040, 31.0570, 25.4295 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 171.0040, 31.0570, 25.4295 by changing the saturation by 10% instead.





 171.0040, 31.0570,  
25.4295

 171.0040, 31.0570,  
25.4295


255.0000, 0.0000,  
0.0000


 144.1780, 30.4782,  
24.3999


 222.1280, 16.2059,  
28.8287


 117.6510, 29.7521,  
23.9851

 238.5640, 8.1029,  
14.4144

 92.4120, 28.8839,  
22.4407

 67.5860, 28.3051,  
21.4111

 42.1730, 28.0157,  
20.8963

 20.8090, 26.7162,  
17.7075

 11.9080, 19.7654,

7.0967

■ 4.5940, 12.5252,  
-4.0289

■ 0.0000, 0.0000,  
0.0000

■ 171.0040, 31.0570,  
25.4295

■ 171.0040, 31.0570,  
25.4295

■ 154.8120, 39.0397,  
31.7369

■ 187.1960, 23.0744,  
19.1221

■ 138.0330, 47.3117,  
38.5591

■ 203.9750, 14.8023,  
12.2999

■ 121.8410, 55.2944,  
44.8664

■ 220.1670, 6.8197,  
5.9925

■ 105.3610, 63.4190,  
52.3034

■ 236.6470, -1.3050,  
-1.4444

■ 89.1690, 71.4017,  
58.6108

■ 249.3170, -7.5513,  
-4.6630

■ 72.9770, 79.3843,  
64.9182

■ 252.0080, -8.8779,  
0.8700

■ 70.3300, 80.6893,  
66.3626

■ 252.6060, -9.1728,  
2.0995

# Harmonies

## Analogous

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



163.0230, 45.3447, -30.7152



171.0040, 31.0570, 25.4295



169.3820, 11.1507, 63.6860

# Triad

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



171.0040, 31.0570, 25.4295



163.1790, -44.9512, 44.5700



133.0760, 27.5705, -116.7077

# Complementary

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



171.0040, 31.0570, 25.4295



206.9960, -31.0570, -25.4295

# 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.



131.6980, 4.0929, -99.7131



171.0040, 31.0570, 25.4295



159.3720, -44.5534, 10.1978

# Square

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



171.0040, 31.0570, 25.4295



164.8890, -31.4973, 69.3803



152.7610, -27.9832, -31.3624



136.2170, 47.2210, -119.4623



# Rectangle

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



171.0040, 31.0570, 25.4295



167.5610, -3.7276, 75.8070



152.7610, -27.9832, -31.3624



131.2520, 20.5818, -115.1080

# Sweetspot

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



171.0040, 31.0570, 25.4295



233.2150, 10.7400, 8.5814



174.8050, 29.1831, -27.0160



115.3410, 6.2409, 4.9629



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.



171.0040, 31.0570, 25.4295



173.1650, 40.3447, 33.1813



180.0300, 21.6772, 47.3317



109.3470, 3.7729, 3.2037



54.4210, 62.4034, 51.3738



16.0230, 18.7227, 14.8888



# Inverse Universe

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



174.7860, 1.5845, 51.9307



177.9990, 1.9725, 67.5299



198.0840, -21.2404, -47.4317



109.7450, 0.1257, 6.3626



61.8710, 3.0216, 104.4761

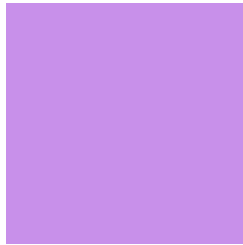


18.4260, 0.7760, 31.1984



# Previews

## White Background



This preview shows how the YUV color 171.0040, 31.0570, 25.4295 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

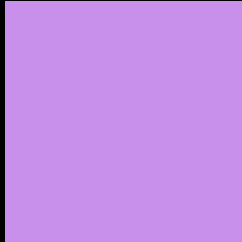
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 171.0040, 31.0570, 25.4295 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

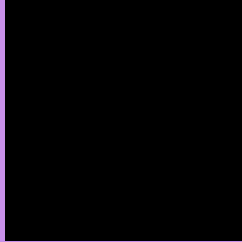
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 171.0040, 31.0570, 25.4295

## Background



This preview shows how black text looks on a background with the YUV color 171.0040, 31.0570, 25.4295.



This preview shows how white text looks on a background with the YUV color 171.0040, 31.0570,

25.4295.

# 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

171.0040, 31.0570, 25.4295

### Protanopia

165.1440, 41.8340, -24.6823

### Deuteranopia

166.1420, 31.4820, -17.6645



## Tritanopia

168.9360, 0.5246, 18.4731

# Trichromacy



## Original Color

171.0040, 31.0570, 25.4295



## Protanomaly

167.2280, 37.8486, -6.3390



## Deuteranomaly

168.1270, 30.9964, -1.8654



## Tritanomaly

169.8190, 11.4282, 21.2067

# Monochromacy



## Original Color

171.0040, 31.0570, 25.4295



## Achromatopsia

171.0000, 0.0000, 0.0000



## Achromatomaly

171.0410, 11.3188, 9.6110

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 171.0040, 31.0570, 25.4295 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(200, 144, 234)` looks like.

```
.text, #text, p{  
    color:rgb(200, 144, 234)  
}
```

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(200, 144, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 144, 234) }
```

## Border

The CSS property to change the border of an element to YUV 171.0040, 31.0570, 25.4295 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(200, 144, 234) }
```



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

```
.border{ border-color:rgb(200, 144, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 144, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 144, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 144, 234);  
box-shadow:4px 4px 4px 4px rgb(200, 144,  
234) }
```

# Background

The CSS property to change the background color of an element to YUV 171.0040, 31.0570, 25.4295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 144, 234) }
```

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

```
.background{ background-color: rgb(200,  
144, 234) }
```

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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