

# Converting Colors

YUV(173.5080, 40.1756,  
40.7735)

Have a look what the booklet for  
YUV(173.5080, 40.1756, 40.7735)  
contains.

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# Color

**YUV(173.5080, 40.1756,  
40.7735)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC86FF
RGB	220, 134, 255
RGB Percent	86%, 53%, 100%
CMY	0.1373, 0.4745, 0.0000
CMYK	0.14, 0.47, 0.00, 0.00
HSL	283°, 100%, 76%
HSV	283°, 47%, 100%
XYZ	56.0903, 39.4858, 99.2730
YIQ	173.5080, 12.4150, 55.8630

# Conversions

## Conversions Part 2

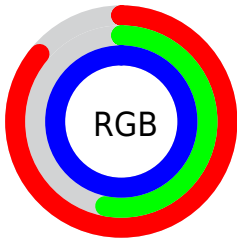
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	220, 134, 255
Decimal	14452479
CIE Lab	69.10, 52.57, -47.21
CIE LCh	69, 70.657, 318.079
Yxy	39.4858, 0.2879, 0.2026
Android (android.graphics.Color)	4292642559 (0xFFDC86FF)
YUV	173.5080, 40.1756, 40.7735
Hunter-Lab	62.8378, 49.3668, -49.6817

# Details

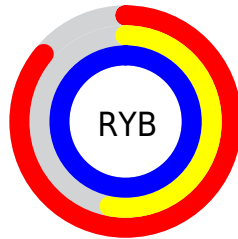
The YUV color **173.5080, 40.1756, 40.7735** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **215.4920, -40.1756, -40.7735**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.2580, 19.0998, 33.9767**, and **118.8560, 39.0180, 38.7143** is the 20% darker color. If you saturate the color by 10%, you get **156.7400, 48.4422, 49.3400**, and if you desaturate by 10%, it is **190.8630, 31.6195, 31.6921**.

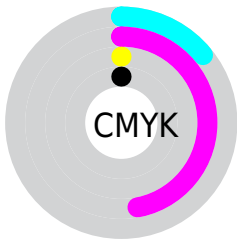
# Distribution



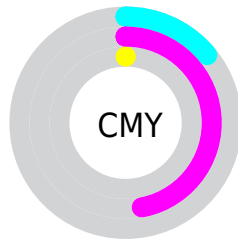
- Red (86%)
- Green (53%)
- Blue (100%)



- Red (86%)
- Yellow (53%)
- Blue (100%)



- Cyan (14%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (47%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 173.5080, 40.1756, 40.7735 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 173.5080, 40.1756, 40.7735 by changing the saturation by 10% instead.



173.5080, 40.1756,  
40.7735

173.5080, 40.1756,  
40.7735

255.0000, 0.0000,  
0.0000

145.6820, 39.5968,  
39.7439

216.2580, 19.0998,  
33.9767

118.8560, 39.0180,  
38.7143

233.2810, 10.7075,  
19.0476

91.4430, 38.7286,  
38.1995

250.3040, 2.3151,  
4.1184

63.5570, 39.1654,  
38.0995

37.5570, 39.1654,  
38.0995

26.6340, 32.2254,  
24.0000

17.0210, 25.1326,

12.2596

■ 5.0160, 19.2191,  
-4.3990

■ 3.0950, 9.3202,  
-2.7143

■ 173.5080, 40.1756,  
40.7735

■ 173.5080, 40.1756,  
40.7735

■ 156.7400, 48.4422,  
49.3400

■ 190.8630, 31.6195,  
31.6921

■ 139.0860, 57.1456,  
57.8066

■ 207.9300, 23.2055,  
23.7404

■ 122.3180, 65.4122,  
66.3731

■ 225.2850, 14.6495,  
14.6591

■ 104.6640, 74.1156,  
74.8397

■ 242.3520, 6.2355,  
6.7073

■ 87.8960, 82.3823, 255.0000, 0.0000,  
83.4062 0.0000

■ 83.1890, 84.7028,  
85.7802

# Harmonies

## Analogous

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



159.1470, 47.2555, -36.9629



173.5080, 40.1756, 40.7735



162.6860, 16.9168, 80.9594

# Triad

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



173.5080, 40.1756, 40.7735



160.9140, -66.5126, 53.5724



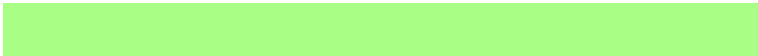
140.4110, 32.8284, -123.1404

# Complementary

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



173.5080, 40.1756, 40.7735



215.4920, -40.1756, -40.7735

# 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.



131.5990, 4.1417, -115.4123



173.5080, 40.1756, 40.7735



155.6710, -64.9138, 7.3045

# Square

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



173.5080, 40.1756, 40.7735



161.1050, -42.4498, 82.3459



145.7230, -33.8804, -53.2541



143.5350, 54.9522, -125.8802



# Rectangle

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



173.5080, 40.1756, 40.7735



155.4360, -0.7079, 87.3176



145.7230, -33.8804, -53.2541



137.9030, 23.2188, -120.9409

# Sweetspot

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



173.5080, 40.1756, 40.7735



230.8780, 11.8921, 12.3850



168.9260, 42.4345, -30.6301



112.9930, 7.3985, 7.0221



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.



173.5080, 40.1756, 40.7735



157.3270, 48.1528, 48.8252



181.2370, 24.5332, 64.6902



119.1730, 4.3517, 4.2333



62.4380, 63.3811, 64.5139



20.7510, 21.3218, 21.2664



# Inverse Universe

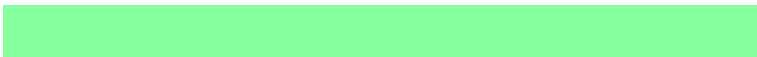
The Inverse Universe completely reimagines the original color for something new.



174.1690, -2.5483, 70.8888



158.1430, -3.0285, 84.9436



207.7630, -24.5332, -64.6902



119.2290, -0.6059, 7.6922



63.3790, -4.1308, 111.9236

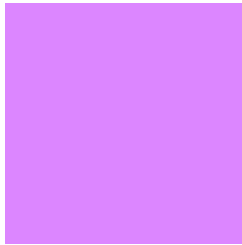


21.1880, -1.5717, 37.5461



# Previews

## White Background



This preview shows how the YUV color 173.5080, 40.1756, 40.7735 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

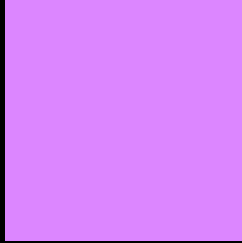
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 173.5080, 40.1756, 40.7735 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

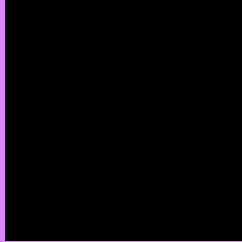
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 173.5080, 40.1756, 40.7735

## Background



This preview shows how black text looks on a background with the YUV color 173.5080, 40.1756, 40.7735.



This preview shows how white text looks on a background with the YUV color 173.5080, 40.1756, 40.7735.

40.7735.

# 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

173.5080, 40.1756, 40.7735

### Protanopia

167.4750, 43.1498, -26.7266

### Deuteranopia

167.2530, 39.8083, -28.2859



## Tritanopia

171.9160, -2.4236, 30.7687

# Trichromacy



## Original Color

173.5080, 40.1756, 40.7735



## Protanomaly

169.4010, 42.2003, -2.1057



## Deuteranomaly

169.8200, 40.0217, -3.3501



## Tritanomaly

172.3630, 13.1320, 34.7616

# Monochromacy



## Original Color

173.5080, 40.1756, 40.7735



## Achromatopsia

174.0000, 0.0000, 0.0000



## Achromatomaly

173.5840, 14.5021, 15.2738

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 173.5080, 40.1756, 40.7735 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(220, 134, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 134, 255)  
}
```

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(220, 134, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 134, 255) }
```

## Border

The CSS property to change the border of an element to YUV 173.5080, 40.1756, 40.7735 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(220, 134, 255) }
```



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

```
.border{ border-color:rgb(220, 134, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 134, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 134, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 134, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 134,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 173.5080, 40.1756, 40.7735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 134, 255) }
```

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

```
.background{ background-color: rgb(220,  
134, 255) }
```

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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