

Converting Colors

YUV(171.4040, 41.2128,
34.7257)

Have a look what the booklet for
YUV(171.4040, 41.2128, 34.7257)
contains.

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Color

**YUV(171.4040, 41.2128,
34.7257)**

Conversions

Conversions Part 1

Format	Color
Hex	D387FF
RGB	211, 135, 255
RGB Percent	83%, 53%, 100%
CMY	0.1725, 0.4706, 0.0000
CMYK	0.17, 0.47, 0.00, 0.00
HSL	278°, 100%, 76%
HSV	278°, 47%, 100%
XYZ	53.5779, 38.3968, 99.1952
YIQ	171.4040, 6.7760, 53.4320

Conversions

Conversions Part 2

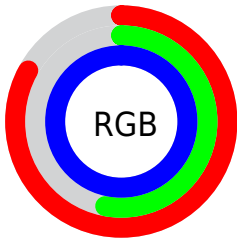
Format	Color
R _Y B	211, 135, 255
Decimal	13862911
CIE Lab	68.31, 49.62, -48.52
CIE LCh	68, 69.398, 315.644
Yxy	38.3968, 0.2803, 0.2009
Android (android.graphics.Color)	4292052991 (0xFFD387FF)
YUV	171.4040, 41.2128, 34.7257
Hunter-Lab	61.9652, 45.9003, -51.5371

Details

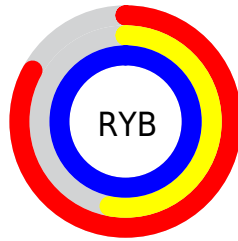
The YUV color **171.4040, 41.2128, 34.7257** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **218.5960, -41.2128, -34.7257**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.8450, 18.8104, 33.4619**, and **116.7520, 40.0553, 32.6665** is the 20% darker color. If you saturate the color by 10%, you get **154.0380, 49.7743, 42.0627**, and if you desaturate by 10%, it is **189.3570, 32.3620, 26.8739**.

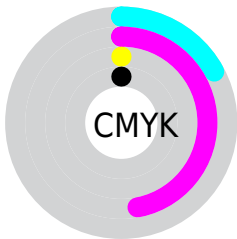
Distribution



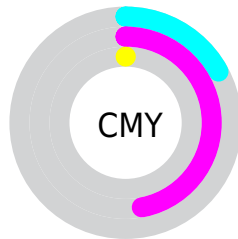
- Red (83%)
- Green (53%)
- Blue (100%)



- Red (83%)
- Yellow (53%)
- Blue (100%)



- Cyan (17%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.4040, 41.2128, 34.7257 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 171.4040, 41.2128, 34.7257 by changing the saturation by 10% instead.

171.4040, 41.2128,
34.7257

171.4040, 41.2128,
34.7257

255.0000, 0.0000,
0.0000

143.5780, 40.6340,
33.6961

216.8450, 18.8104,
33.4619

116.7520, 40.0553,
32.6665

233.2810, 10.7075,
19.0476

90.5130, 39.1871,
31.1221

250.3040, 2.3151,
4.1184

63.5130, 39.1871,
31.1221

34.8660, 40.4921,
32.5665

23.9430, 33.5521,
18.4670

14.0310, 26.6067,

6.1118

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 171.4040, 41.2128,
34.7257

■ 171.4040, 41.2128,
34.7257

■ 154.0380, 49.7743,
42.0627

■ 189.3570, 32.3620,
26.8739

■ 135.7860, 58.7725,
49.2997

■ 207.0220, 23.6532,
20.1517

■ 117.8330, 67.6233,
57.1515

■ 224.9750, 14.8023,
12.2999

■ 100.4670, 76.1848,
64.4884

■ 242.3410, 6.2409,
4.9629

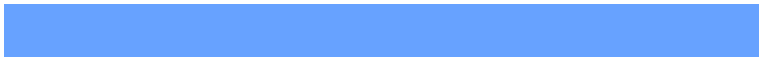
■ 82.8020, 84.8936, 255.0000, 0.0000,
71.2106 0.0000

■ 77.5080, 87.5036,
74.0995

Harmonies

Analogous

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



154.9610, 49.3192, -45.5698



171.4040, 41.2128, 34.7257



163.5010, 17.5010, 80.2446

Triad

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



171.4040, 41.2128, 34.7257



160.0220, -63.6078, 55.2317



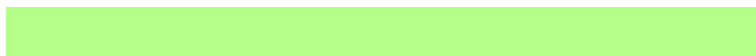
137.7380, 30.2022, -120.7962

Complementary

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



171.4040, 41.2128, 34.7257



218.5960, -41.2128, -34.7257

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.



129.0400, 1.9523, -113.1681



171.4040, 41.2128, 34.7257



154.6930, -64.9246, 10.7932

Square

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



171.4040, 41.2128, 34.7257



159.2130, -39.5450, 84.0052



145.7840, -36.3755, -46.2916



142.3610, 55.5310, -124.8506

Rectangle

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



171.4040, 41.2128, 34.7257



155.1910, 0.8918, 87.5325



145.7840, -36.3755, -46.2916



135.2300, 20.5926, -118.5967

Sweetspot

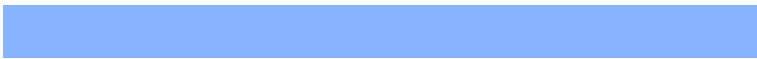
The Sweet Spot groups the original color and five complimentary colors.



171.4040, 41.2128, 34.7257



229.9810, 12.3344, 10.5407



174.5080, 39.6826, -34.6485



112.6940, 7.5459, 6.4074



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.



171.4040, 41.2128, 34.7257



155.5110, 49.0481, 41.6479



182.7360, 27.7382, 63.3755



118.8740, 4.4991, 3.6185



57.9530, 65.5922, 55.2922



19.2560, 22.0588, 18.1925

Inverse Universe

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



175.8960, 1.5303, 69.3742



160.7990, 2.0711, 82.6143



207.2640, -27.7382, -63.3755



119.3430, -0.1691, 7.5922



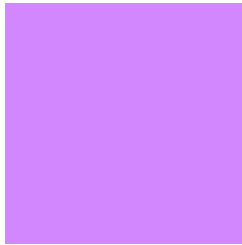
65.0890, 2.4211, 110.4239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 171.4040, 41.2128, 34.7257 looks on a white background.

Color Contrast Check

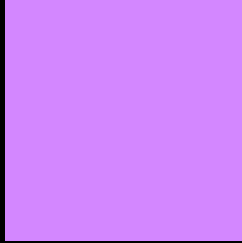
Large Text (above 18pt) WCAG AA × Fail

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 171.4040, 41.2128, 34.7257 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 171.4040, 41.2128, 34.7257 Background



This preview shows how black text looks on a background with the YUV color 171.4040, 41.2128, 34.7257.



This preview shows how white text looks on a background with the YUV color 171.4040, 41.2128,

34.7257.

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

171.4040, 41.2128, 34.7257

Protanopia

165.1050, 44.3182, -28.1561

Deuteranopia

164.6980, 41.5609, -30.4301



Tritanopia

168.9260, -0.9495, 24.6209

Trichromacy



Original Color

171.4040, 41.2128, 34.7257



Protanomaly

167.0200, 43.3741, -5.2795



Deuteranomaly

167.1400, 41.3430, -7.1388

Tritanomaly

169.9600, 14.3167, 28.0991

Monochromacy



Original Color

171.4040, 41.2128, 34.7257



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

171.3880, 15.0917, 12.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.4040, 41.2128, 34.7257 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(211, 135, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 135, 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(211, 135, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 135, 255) }
```

Border

The CSS property to change the border of an element to YUV 171.4040, 41.2128, 34.7257 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(211, 135, 255) }
```


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

```
.border{ border-color:rgb(211, 135, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 135, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 135, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 135, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 135,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 171.4040, 41.2128, 34.7257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 135, 255) }
```

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

```
.background{ background-color: rgb(211,  
135, 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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