

Converting Colors

YUV(171.1270, 21.1364,
34.0916)

Have a look what the booklet for
YUV(171.1270, 21.1364, 34.0916)
contains.

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Color

**YUV(171.1270, 21.1364,
34.0916)**

Conversions

Conversions Part 1

Format	Color
Hex	D28FD6
RGB	210, 143, 214
RGB Percent	82%, 56%, 84%
CMY	0.1765, 0.4392, 0.1608
CMYK	0.02, 0.33, 0.00, 0.16
HSL	297°, 46%, 70%
HSV	297°, 33%, 84%
XYZ	48.5384, 38.2016, 68.4337
YIQ	171.1270, 17.1410, 36.2850

Conversions

Conversions Part 2

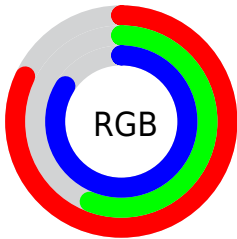
Format	Color
RYB	210, 143, 214
Decimal	13799382
CIELab	68.17, 36.86, -26.20
CIELCh	68, 45.220, 324.596
Yxy	38.2016, 0.3128, 0.2462
Android (android.graphics.Color)	4291989462 (0xFFD28FD6)
YUV	171.1270, 21.1364, 34.0916
Hunter-Lab	61.8074, 32.0160, -22.3812

Details

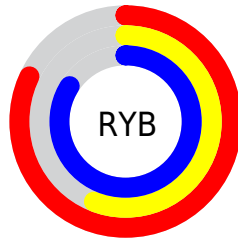
The YUV color **171.1270, 21.1364, 34.0916** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **185.8730, -21.1364, -34.0916**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5410, 16.4953, 29.3435**, and **117.5890, 20.4156, 31.9324** is the 20% darker color. If you saturate the color by 10%, you get **158.5010, 27.3610, 44.2876**, and if you desaturate by 10%, it is **183.7530, 14.9118, 23.8956**.

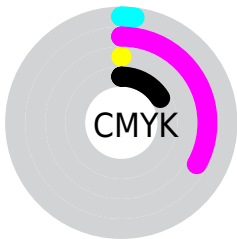
Distribution



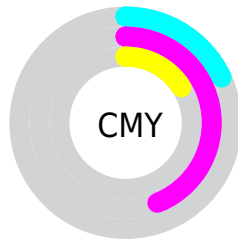
- Red (82%)
- Green (56%)
- Blue (84%)



- Red (82%)
- Yellow (56%)
- Blue (84%)



- Cyan (2%)
- Magenta (33%)
- Yellow (0%)
- Black (16%)





- Cyan (18%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 171.1270, 21.1364, 34.0916 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 171.1270, 21.1364, 34.0916 by changing the saturation by 10% instead.


 171.1270, 21.1364,
34.0916

 171.1270, 21.1364,
34.0916


255.0000, 0.0000,
0.0000


 144.3010, 20.5576,
33.0620


 221.5410, 16.4953,
29.3435


 117.5890, 20.4156,
31.9324

 237.9770, 8.3923,
14.9292

 92.1760, 20.1262,
31.4176

 67.3500, 19.5475,
30.3881

 42.1650, 20.1317,
29.6733

 22.2740, 18.1059,
26.0697

 13.9000, 11.8813,

15.8737

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 171.1270, 21.1364,
34.0916

■ 171.1270, 21.1364,
34.0916

■ 158.5010, 27.3610,
44.2876

■ 183.7530, 14.9118,
23.8956

■ 145.2880, 33.8750,
54.9984

■ 196.9660, 8.3978,
13.1848

■ 132.3630, 40.2470,
64.5796

■ 209.8910, 2.0257,
3.6036

■ 119.1500, 46.7611,
75.2905

■ 223.1040, -4.4883,
-7.1072

■ 106.5240, 52.9857,
85.4865

■ 235.7300,
-10.7129, -17.3032

■ 93.8980, 59.2103,
95.6825

■ 238.9640,
-12.3073, -19.2624

■ 84.7940, 63.6986,
102.7897

■ 239.2630,
-12.4547, -18.6477

■ 239.8610,
-12.7495, -17.4181

■ 240.1600,
-12.8969, -16.8033

Harmonies

Analogous

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



167.3480, 35.8174, -8.1982



171.1270, 21.1364, 34.0916



169.1830, 2.8678, 60.3525

Triad

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



171.1270, 21.1364, 34.0916



163.1710, -39.5243, 30.5450



132.4550, 32.8067, -116.1630

Complementary

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



171.1270, 21.1364, 34.0916



185.8730, -21.1364, -34.0916

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.



136.9360, 9.8916, -92.9059



171.1270, 21.1364, 34.0916



159.3410, -34.1851, -2.0531

Square

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



171.1270, 21.1364, 34.0916



165.9750, -32.0327, 54.3959



153.3500, -17.9205, -38.8949



133.2820, 48.6680, -116.8883

Rectangle

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



171.1270, 21.1364, 34.0916



167.8990, -9.8102, 66.7406



153.3500, -17.9205, -38.8949



130.8590, 26.6915, -114.7633

Sweetspot

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



171.1270, 21.1364, 34.0916



240.0260, 7.3822, 12.2552



154.0290, 29.5657, -9.6724



118.3090, 4.7777, 7.6220



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.



171.1270, 21.1364, 34.0916



193.3320, 30.4023, 48.8208



168.7890, 7.0060, 39.6500



100.2440, 3.3307, 5.0480



67.6330, 50.9599, 81.8829



17.1610, 12.7386, 20.9068

Inverse Universe

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



164.6850, -8.7187, 43.2493



184.1820, -12.4147, 62.1074



188.2110, -7.0060, -39.6500



99.4030, -1.1847, 6.6626



52.2690, -20.8386, 104.1271



13.0850, -5.4649, 26.2355

Previews

White Background



This preview shows how the YUV color 171.1270, 21.1364, 34.0916 looks on a white background.

Color Contrast Check

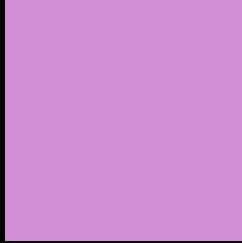
Large Text (above 18pt) WCAG AA × Fail

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 171.1270, 21.1364, 34.0916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

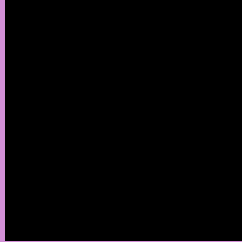
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.1270, 21.1364, 34.0916

Background



This preview shows how black text looks on a background with the YUV color 171.1270, 21.1364, 34.0916.



This preview shows how white text looks on a background with the YUV color 171.1270, 21.1364,

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

171.1270, 21.1364, 34.0916

Protanopia

166.4410, 31.3346, -17.0498

Deuteranopia

167.4610, 20.9717, -6.5433



Tritanopia

169.3180, -2.1288, 29.5391

Trichromacy



Original Color

171.1270, 21.1364, 34.0916



Protanomaly

167.9380, 27.6386, 1.8084



Deuteranomaly

168.8480, 20.7809, 8.0263



Tritanomaly

169.9190, 6.4489, 31.6430

Monochromacy



Original Color

171.1270, 21.1364, 34.0916



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

171.1400, 7.8190, 12.1552

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.1270, 21.1364, 34.0916 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(210, 143, 214)` looks like.

```
.text, #text, p{  
    color:rgb(210, 143, 214)  
}
```

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(210, 143, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 143, 214) }
```

Border

The CSS property to change the border of an element to YUV 171.1270, 21.1364, 34.0916 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(210, 143, 214) }
```


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

```
.border{ border-color:rgb(210, 143, 214) }
```

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

Here you see how a box with a 4 pixel rgb(210, 143, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 143, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 143, 214);  
box-shadow:4px 4px 4px 4px rgb(210, 143,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 171.1270, 21.1364, 34.0916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 143, 214) }
```

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

```
.background{ background-color: rgb(210,  
143, 214) }
```

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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