

Converting Colors

YUV(169.9440, 15.3106,
36.0061)

Have a look what the booklet for
YUV(169.9440, 15.3106, 36.0061)
contains.

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Color

**YUV(169.9440, 15.3106,
36.0061)**

Conversions

Conversions Part 1

Format	Color
Hex	D38FC9
RGB	211, 143, 201
RGB Percent	83%, 56%, 79%
CMY	0.1725, 0.4392, 0.2118
CMYK	0.00, 0.32, 0.05, 0.17
HSL	309°, 44%, 69%
HSV	309°, 32%, 83%
XYZ	47.2290, 37.7109, 60.0480
YIQ	169.9440, 21.9100, 32.4540

Conversions

Conversions Part 2

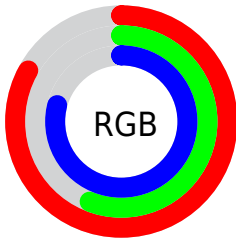
Format	Color
R _Y B	211, 143, 201
Decimal	13864905
CIE Lab	67.81, 34.79, -19.52
CIE LCh	68, 39.893, 330.709
Yxy	37.7109, 0.3257, 0.2601
Android (android.graphics.Color)	4292054985 (0xFFD38FC9)
YUV	169.9440, 15.3106, 36.0061
Hunter-Lab	61.4092, 29.8162, -14.9894

Details

The YUV color **169.9440, 15.3106, 36.0061** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **184.0560, -15.3106, -36.0061**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5410, 16.4953, 29.3435**, and **116.5200, 15.0266, 33.7470** is the 20% darker color. If you saturate the color by 10%, you get **157.2750, 20.0774, 47.1168**, and if you desaturate by 10%, it is **182.6130, 10.5438, 24.8954**.

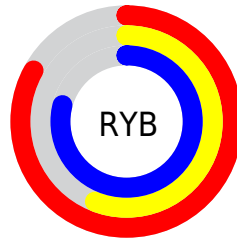
Distribution



Red (83%)

Green (56%)

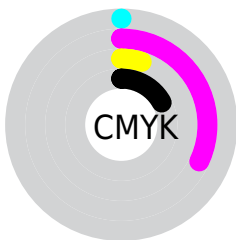
Blue (79%)



Red (83%)

Yellow (56%)

Blue (79%)

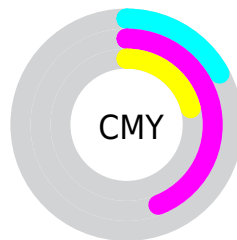


Cyan (0%)

Magenta (32%)

Yellow (5%)

Black (17%)



Cyan (17%)


Magenta (44%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 169.9440, 15.3106, 36.0061 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 169.9440, 15.3106, 36.0061 by changing the saturation by 10% instead.


 169.9440, 15.3106,
36.0061


 169.9440, 15.3106,
36.0061


255.0000, 0.0000,
0.0000


 143.2320, 15.1686,
34.8765


 221.5410, 16.4953,
29.3435


 116.5200, 15.0266,
33.7470

 237.9770, 8.3923,
14.9292

 91.6940, 14.4479,
32.7174

 66.3950, 14.5953,
32.1026

 41.2100, 15.1795,
31.3878

 21.4330, 13.5905,
27.6843

 12.8740, 7.9501,

16.7735

■ 0.0000, 0.0000,
0.0000

■ 169.9440, 15.3106,
36.0061

■ 169.9440, 15.3106,
36.0061

■ 157.2750, 20.0774,
47.1168

■ 182.6130, 10.5438,
24.8954

■ 144.6060, 24.8442,
58.2275

■ 195.2820, 5.7770,
13.7847

■ 131.9370, 29.6111,
69.3383

■ 207.9510, 1.0102,
2.6740

■ 119.2680, 34.3779,
80.4490

■ 220.6200, -3.7567,
-8.4367

■ 106.4850, 38.7079,
91.6597

■ 233.9900, -8.3761,
-20.1622

■ 93.2290, 43.7641,
103.2852

■ 237.8540, -8.8020,
-23.5510

■ 83.6090, 47.5208,
111.7219

■ 238.1960, -7.4916,
-23.8509

■ 238.5380, -6.1812,
-24.1508

■ 238.8800, -4.8708,
-24.4508

Harmonies

Analogous

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



168.2800, 28.9490, 1.5084



169.9440, 15.3106, 36.0061



168.7110, -1.3365, 55.5045

Triad

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



169.9440, 15.3106, 36.0061



162.0820, -34.5504, 21.8531



130.3350, 34.8378, -114.3038

Complementary

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



169.9440, 15.3106, 36.0061



184.0560, -15.3106, -36.0061

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.



141.4690, 11.6008, -81.0953



169.9440, 15.3106, 36.0061



158.6160, -27.9117, -7.5562

Square

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



169.9440, 15.3106, 36.0061



165.2620, -30.6952, 45.3742



152.6470, -11.6580, -40.9094



139.0350, 43.3667, -96.5007

Rectangle

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



169.9440, 15.3106, 36.0061



167.4590, -12.5513, 59.2335



152.6470, -11.6580, -40.9094



129.5540, 29.3069, -113.6189

Sweetspot

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



169.9440, 15.3106, 36.0061



239.8690, 5.4876, 13.2699



153.4430, 28.3756, -1.2655



118.2660, 3.3199, 8.5367



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.



169.9440, 15.3106, 36.0061



195.1770, 22.0977, 52.4648



166.1820, 0.8963, 39.3054



98.3150, 2.3097, 5.8627



66.6480, 38.1345, 88.8857



16.2490, 9.2442, 21.7066

Inverse Universe

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



169.9440, 15.3106, 36.0061



195.1770, 22.0977, 52.4648



187.8180, -0.8963, -39.3054



98.3150, 2.3097, 5.8627



66.6480, 38.1345, 88.8857



16.2490, 9.2442, 21.7066

Previews

White Background



This preview shows how the YUV color 169.9440, 15.3106, 36.0061 looks on a white background.

Color Contrast Check

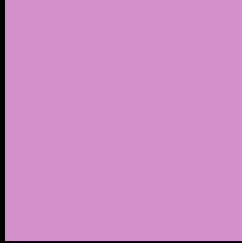
Large Text (above 18pt) WCAG AA × Fail

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 169.9440, 15.3106, 36.0061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

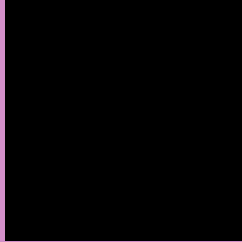
Any Text WCAG AA ✓ Pass

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 169.9440, 15.3106, 36.0061 Background



This preview shows how black text looks on a background with the YUV color 169.9440, 15.3106, 36.0061.



This preview shows how white text looks on a background with the YUV color 169.9440, 15.3106, 36.0061.

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

169.9440, 15.3106, 36.0061

Protanopia

166.3400, 24.4824, -12.5762

Deuteranopia

167.3000, 15.1351, -1.1401



Tritanopia

168.1120, -3.0132, 33.2278

Trichromacy



Original Color

169.9440, 15.3106, 36.0061

Protanomaly

167.3530, 21.5180, 4.9524

Deuteranomaly

168.0890, 15.2391, 12.1999

Tritanomaly

168.5450, 3.6753, 34.6020

Monochromacy



Original Color

169.9440, 15.3106, 36.0061

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.8690, 5.4876, 13.2699

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.9440, 15.3106, 36.0061 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, 143, 201)` looks like.

```
.text, #text, p{  
    color:rgb(211, 143, 201)  
}
```

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, 143, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 143, 201) }
```

Border

The CSS property to change the border of an element to YUV 169.9440, 15.3106, 36.0061 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, 143, 201) }
```


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

```
.border{ border-color:rgb(211, 143, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 143, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 143, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 143, 201);  
box-shadow:4px 4px 4px 4px rgb(211, 143,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 169.9440, 15.3106, 36.0061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 143, 201) }
```

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

```
.background{ background-color: rgb(211,  
143, 201) }
```

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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