

Converting Colors

YUV(169.2870, 31.9035,
33.9513)

Have a look what the booklet for
YUV(169.2870, 31.9035, 33.9513)
contains.

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Color

**YUV(169.2870, 31.9035,
33.9513)**

Conversions

Conversions Part 1

Format	Color
Hex	D089EA
RGB	208, 137, 234
RGB Percent	82%, 54%, 92%
CMY	0.1843, 0.4627, 0.0824
CMYK	0.11, 0.41, 0.00, 0.08
HSL	284°, 70%, 73%
HSV	284°, 41%, 92%
XYZ	49.8094, 37.2417, 82.4050
YIQ	169.2870, 11.1790, 45.2190

Conversions

Conversions Part 2

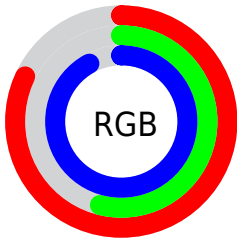
Format	Color
RYB	208, 137, 234
Decimal	13666794
CIELab	67.46, 43.38, -38.37
CIELCh	67, 57.914, 318.509
Yxy	37.2417, 0.2939, 0.2198
Android (android.graphics.Color)	4291856874 (0xFFD089EA)
YUV	169.2870, 31.9035, 33.9513
Hunter-Lab	61.0260, 38.8960, -37.3427

Details

The YUV color **169.2870, 31.9035, 33.9513** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **201.7130, -31.9035, -33.9513**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.0190, 18.2316, 32.4323**, and **115.6350, 30.7459, 31.8921** is the 20% darker color. If you saturate the color by 10%, you get **153.9920, 39.4439, 42.1030**, and if you desaturate by 10%, it is **184.5820, 24.3631, 25.7996**.

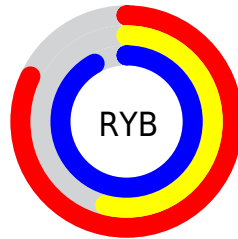
Distribution



Red (82%)

Green (54%)

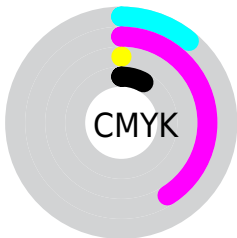
Blue (92%)



Red (82%)

Yellow (54%)

Blue (92%)

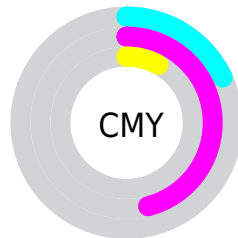


Cyan (11%)

Magenta (41%)

Yellow (0%)

Black (8%)



Cyan (18%)


Magenta (46%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 169.2870, 31.9035, 33.9513 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 169.2870, 31.9035, 33.9513 by changing the saturation by 10% instead.


 169.2870, 31.9035,
33.9513


 169.2870, 31.9035,
33.9513


255.0000, 0.0000,
0.0000


 142.4610, 31.3247,
32.9217


 218.0190, 18.2316,
32.4323


 115.6350, 30.7459,
31.8921


 234.4550, 10.1287,
18.0180

 89.8090, 30.1672,
30.8625

 251.4780, 1.7363,
3.0888

 63.5100, 30.3146,
30.2477

 35.7490, 31.1827,
31.7921

 22.6030, 25.8317,
21.3962

 13.4030, 19.0283,

10.1706

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 169.2870, 31.9035,
33.9513

■ 169.2870, 31.9035,
33.9513

■ 153.9920, 39.4439,
42.1030

■ 184.5820, 24.3631,
25.7996

■ 137.8110, 47.4212,
50.1548

■ 200.7630, 16.3858,
17.7478

■ 122.5160, 54.9616,
58.3065

■ 216.0580, 8.8454,
9.5961

■ 106.6340, 62.7914,
66.9730

■ 231.9400, 1.0156,
0.9296

91.3390, 70.3319,
75.1247

247.2350, -6.5249,
-7.2221

77.8050, 77.0041,
81.7320

249.9150, -7.8461,
-3.4335

251.7090, -8.7305,
0.2552

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.



161.5720, 46.0600, -26.8116



169.2870, 31.9035, 33.9513



166.5080, 10.1026, 73.2225

Triad

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



169.2870, 31.9035, 33.9513



159.6860, -50.6242, 44.1254



133.8740, 30.6281, -117.4075

Complementary

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



169.2870, 31.9035, 33.9513



201.7130, -31.9035, -33.9513

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.



127.1310, 7.3304, -111.4939



169.2870, 31.9035, 33.9513



155.4270, -48.0315, 5.7645

Square

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



169.2870, 31.9035, 33.9513



161.9450, -36.4549, 72.8392



147.8090, -27.5138, -41.9285



136.6560, 51.4416, -119.8473

Rectangle

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



169.2870, 31.9035, 33.9513



162.1380, -5.4910, 81.4400



147.8090, -27.5138, -41.9285



131.8220, 22.7658, -115.6079

Sweetspot

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



169.2870, 31.9035, 33.9513



234.4110, 10.1504, 11.0406



163.9070, 34.5558, -23.5974



115.9390, 5.9461, 6.1925



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.



169.2870, 31.9035, 33.9513



170.2850, 41.7645, 44.4771



174.6670, 18.8982, 52.0350



109.6460, 3.6255, 3.8185



60.4010, 59.4553, 63.6693



17.8170, 17.8382, 18.5775

Inverse Universe

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



168.9670, -2.9417, 57.0339



169.8490, -3.8696, 74.6774



196.3330, -18.8982, -52.0350



109.6310, -0.3111, 6.4626



59.7050, -5.2776, 106.3757



17.7420, -1.8448, 31.7983

Previews

White Background



This preview shows how the YUV color 169.2870, 31.9035, 33.9513 looks on a white background.

Color Contrast Check

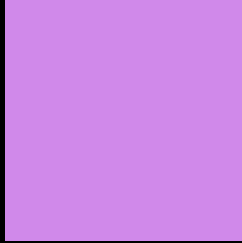
Large Text (above 18pt) WCAG AA × Fail

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 169.2870, 31.9035, 33.9513 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 169.2870, 31.9035, 33.9513 Background



This preview shows how black text looks on a background with the YUV color 169.2870, 31.9035, 33.9513.

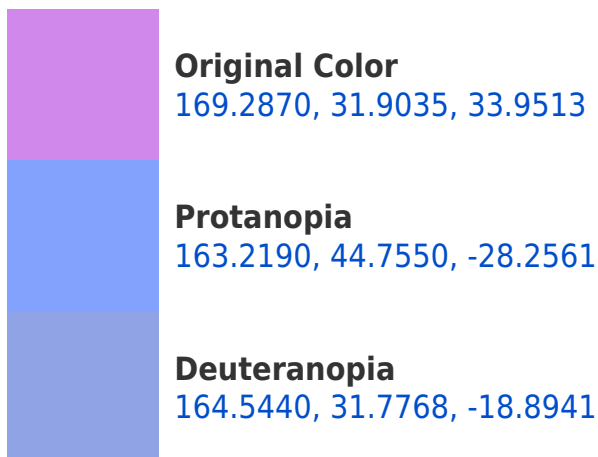


This preview shows how white text looks on a background with the YUV color 169.2870, 31.9035, 33.9513.

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





Tritanopia

167.1220, -1.5391, 27.0800

Trichromacy



Original Color

169.2870, 31.9035, 33.9513



Protanomaly

165.5100, 40.1746, -5.7093



Deuteranomaly

166.6650, 31.7172, 0.2938



Tritanomaly

168.2330, 10.2381, 29.6137

Monochromacy



Original Color

169.2870, 31.9035, 33.9513



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.8780, 11.8921, 12.3850

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.2870, 31.9035, 33.9513 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(208, 137, 234)` looks like.

```
.text, #text, p{  
    color:rgb(208, 137, 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(208, 137, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 137, 234) }
```

Border

The CSS property to change the border of an element to YUV 169.2870, 31.9035, 33.9513 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(208, 137, 234) }
```


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

```
.border{ border-color:rgb(208, 137, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 137, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 137, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 137, 234);  
box-shadow:4px 4px 4px 4px rgb(208, 137,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 169.2870, 31.9035, 33.9513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 137, 234) }
```

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

```
.background{ background-color: rgb(208,  
137, 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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