

Converting Colors

YUV(169.9330, 11.8650,
21.1068)

Have a look what the booklet for
YUV(169.9330, 11.8650, 21.1068)
contains.

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Color

**YUV(169.9330, 11.8650,
21.1068)**

Conversions

Conversions Part 1

Format	Color
Hex	C299C2
RGB	194, 153, 194
RGB Percent	76%, 60%, 76%
CMY	0.2392, 0.4000, 0.2392
CMYK	0.00, 0.21, 0.00, 0.24
HSL	300°, 25%, 68%
HSV	300°, 21%, 76%
XYZ	43.3770, 38.1468, 56.1158
YIQ	169.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

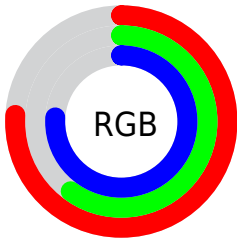
Format	Color
RYB	194, 153, 194
Decimal	12753346
CIELab	68.13, 22.33, -15.30
CIELCh	68, 27.071, 325.581
Yxy	38.1468, 0.3151, 0.2772
Android (android.graphics.Color)	4290943426 (0xFFC299C2)
YUV	169.9330, 11.8650, 21.1068
Hunter-Lab	61.7631, 17.2772, -10.6346

Details

The YUV color **169.9330, 11.8650, 21.1068** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **177.0670, -11.8650, -21.1068**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.7590, 12.4438, 22.1364**, and **117.6940, 10.9969, 19.5624** is the 20% darker color. If you saturate the color by 10%, you get **158.7800, 17.3635, 30.8879**, and if you desaturate by 10%, it is **181.0860, 6.3666, 11.3256**.

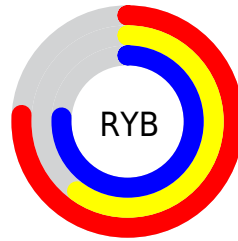
Distribution



Red (76%)

Green (60%)

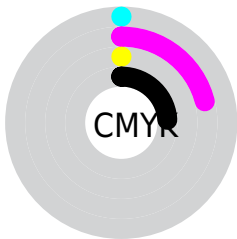
Blue (76%)



Red (76%)

Yellow (60%)

Blue (76%)

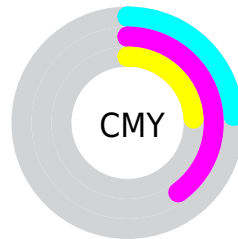


Cyan (0%)

Magenta (21%)

Yellow (0%)

Black (24%)



Cyan (24%)


Magenta (40%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 169.9330, 11.8650, 21.1068 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 169.9330, 11.8650, 21.1068 by changing the saturation by 10% instead.


 169.9330, 11.8650,
21.1068

 169.9330, 11.8650,
21.1068


255.0000, 0.0000,
0.0000


 143.5200, 11.5756,
20.5920


 225.7590, 12.4438,
22.1364


 117.6940, 10.9969,
19.5624

 243.8470, 5.4984,
9.7812

 92.3950, 11.1443,
18.9476

 68.5690, 10.5655,
17.9180

 45.8570, 10.4235,
16.7884

 23.4440, 10.1341,
16.2736

 8.7160, 7.5350,

9.8961

0.0000, 0.0000,
0.0000

169.9330, 11.8650,
21.1068

169.9330, 11.8650,
21.1068

158.7800, 17.3635,
30.8879

181.0860, 6.3666,
11.3256

147.0400, 23.1513,
41.1839

192.8260, 0.5788,
1.0296

135.8870, 28.6497,
50.9651

203.9790, -4.9196,
-8.7516

124.1470, 34.4375,
61.2611

215.7190,
-10.7075, -19.0476

112.9940, 39.9360,
71.0423

226.8720,
-16.2059, -28.8287

■ 101.8410, 45.4344,
80.8234

■ 229.8070,
-17.6529, -31.4027

■ 90.1010, 51.2222,
91.1194

■ 80.1220, 56.1419,
99.8710

Harmonies

Analogous

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



167.7820, 20.8135, -2.4398



169.9330, 11.8650, 21.1068



169.4590, 0.7597, 36.4315

Triad

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



169.9330, 11.8650, 21.1068



164.9320, -23.6305, 19.3536



153.4860, 16.0294, -54.8002

Complementary

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



169.9330, 11.8650, 21.1068



177.0670, -11.8650, -21.1068

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.



155.4200, 2.7509, -42.4643



169.9330, 11.8650, 21.1068



162.7230, -20.0764, -0.6341

Square

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



169.9330, 11.8650, 21.1068



167.0570, -19.7481, 34.1530



159.3980, -10.5492, -23.1510



156.6960, 24.3069, -49.7224

Rectangle

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



169.9330, 11.8650, 21.1068



169.0160, -7.4029, 41.2050



159.3980, -10.5492, -23.1510



154.0580, 11.8034, -52.6709

Sweetspot

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



169.9330, 11.8650, 21.1068



243.1950, 4.3409, 7.7220



157.6740, 17.9087, -4.0991



122.7170, 2.6045, 4.6332



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.



169.9330, 11.8650, 21.1068



215.0190, 18.2316, 32.4323



167.6530, 3.1291, 23.1063



91.1300, 2.8939, 5.1480



66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Inverse Universe

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



169.9330, 11.8650, 21.1068



215.0190, 18.2316, 32.4323



179.4610, -2.6923, -23.2063



91.1300, 2.8939, 5.1480



66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 169.9330, 11.8650, 21.1068 looks on a white background.

Color Contrast Check

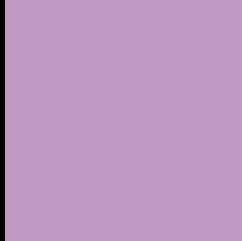
Large Text (above 18pt) WCAG AA × Fail

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 169.9330, 11.8650, 21.1068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

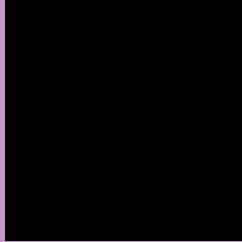
Any Text WCAG AA ✓ Pass

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 169.9330, 11.8650, 21.1068 Background



This preview shows how black text looks on a background with the YUV color 169.9330, 11.8650, 21.1068.



This preview shows how white text looks on a background with the YUV color 169.9330, 11.8650,

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

169.9330, 11.8650, 21.1068

Protanopia

167.1250, 17.1934, -8.0026

Deuteranopia

167.8120, 11.9247, 1.9189



Tritanopia

168.6480, 0.6665, 19.6027

Trichromacy



Original Color

169.9330, 11.8650, 21.1068

Protanomaly

168.3220, 15.1243, 2.3486

Deuteranomaly

168.8560, 11.9030, 8.8963

Tritanomaly

169.3860, 4.7397, 19.8325

Monochromacy



Original Color

169.9330, 11.8650, 21.1068

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.1950, 4.3409, 7.7220

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.9330, 11.8650, 21.1068 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(194, 153, 194)` looks like.

```
.text, #text, p{  
    color:rgb(194, 153, 194)  
}
```

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(194, 153, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 153, 194) }
```

Border

The CSS property to change the border of an element to YUV 169.9330, 11.8650, 21.1068 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(194, 153, 194) }
```


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

```
.border{ border-color:rgb(194, 153, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 153, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 153, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 153, 194);  
box-shadow:4px 4px 4px 4px rgb(194, 153,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 169.9330, 11.8650, 21.1068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 153, 194) }
```

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

```
.background{ background-color: rgb(194,  
153, 194) }
```

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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