

# Converting Colors

YUV(146.9330, 11.8650,  
21.1068)

Have a look what the booklet for  
YUV(146.9330, 11.8650, 21.1068)  
contains.

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# Color

**YUV(146.9330, 11.8650,  
21.1068)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB82AB
RGB	171, 130, 171
RGB Percent	67%, 51%, 67%
CMY	0.3294, 0.4902, 0.3294
CMYK	0.00, 0.24, 0.00, 0.33
HSL	300°, 20%, 59%
HSV	300°, 24%, 67%
XYZ	32.1279, 27.5635, 42.1550
YIQ	146.9330, 11.2750, 21.4430

# Conversions

## Conversions Part 2

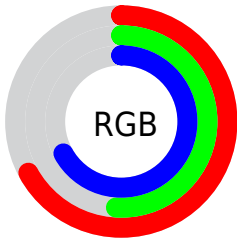
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 130, 171
Decimal	11240107
CIELab	59.49, 22.90, -15.61
CIELCh	59, 27.714, 325.723
Yxy	27.5635, 0.3155, 0.2706
Android (android.graphics.Color)	4289430187 (0xFFAB82AB)
YUV	146.9330, 11.8650, 21.1068
Hunter-Lab	52.5009, 17.3564, -10.8556

# Details

The YUV color **146.9330, 11.8650, 21.1068** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **154.0670, -11.8650, -21.1068**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.0580, 12.2964, 22.7511**, and **95.8080, 11.4337, 19.4624** is the 20% darker color. If you saturate the color by 10%, you get **136.9540, 16.7847, 29.8583**, and if you desaturate by 10%, it is **156.9120, 6.9454, 12.3552**.

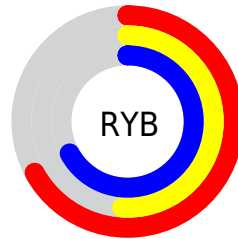
# Distribution



Red (67%)

Green (51%)

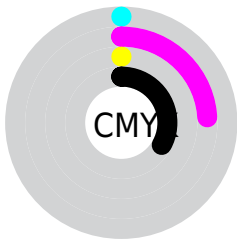
Blue (67%)



Red (67%)

Yellow (51%)

Blue (67%)

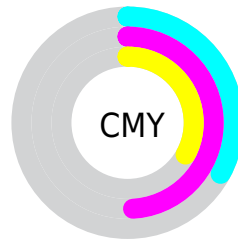


Cyan (0%)

Magenta (24%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (49%)


Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 146.9330, 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 146.9330, 11.8650, 21.1068 by changing the saturation by 10% instead.





 146.9330, 11.8650,  
21.1068


 146.9330, 11.8650,  
21.1068


255.0000, 0.0000,  
0.0000


 121.1070, 11.2862,  
20.0772


 201.0580, 12.2964,  
22.7511


 95.8080, 11.4337,  
19.4624


 229.1720, 12.7332,  
22.6512

 71.9820, 10.8549,  
18.4328

 245.6080, 4.6303,  
8.2368

 48.5690, 10.5655,  
17.9180

 26.8570, 10.4235,  
16.7884

 11.1510, 7.8136,  
13.8996

 0.0000, 0.0000,

0.0000

■ 146.9330, 11.8650,  
21.1068

■ 146.9330, 11.8650,  
21.1068

■ 136.9540, 16.7847,  
29.8583

■ 156.9120, 6.9454,  
12.3552

■ 126.9750, 21.7043,  
38.6099

■ 166.8910, 2.0257,  
3.6036

■ 116.9960, 26.6240,  
47.3615

■ 176.8700, -2.8939,  
-5.1480

■ 107.0170, 31.5436,  
56.1131

■ 186.8490, -7.8136,  
-13.8996

■ 96.4510, 36.7527,  
65.3795

■ 196.8280,  
-12.7332, -22.6512

■ 86.4720, 41.6723,  
74.1311

■ 207.3940,  
-17.9422, -31.9175

76.4930, 46.5920,  
82.8826

217.3730,  
-22.8619, -40.6691

70.6230, 49.4859,  
88.0306

220.3080,  
-24.3088, -43.2431

# Harmonies

## Analogous

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



144.7820, 20.8135, -2.4398



146.9330, 11.8650, 21.1068



146.4590, 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.



146.9330, 11.8650, 21.1068



142.3340, -23.3357, 18.1241



129.1050, 17.2032, -57.9741

# Complementary

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



146.9330, 11.8650, 21.1068



154.0670, -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.



131.9360, 3.4826, -43.7939



146.9330, 11.8650, 21.1068



139.4240, -19.9290, -1.2488

# Square

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



146.9330, 11.8650, 21.1068



143.7580, -19.6007, 33.5382



136.3980, -10.5492, -23.1510



132.2010, 25.0439, -52.7963



# Rectangle

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



146.9330, 11.8650, 21.1068



145.7170, -7.2555, 40.5902



136.3980, -10.5492, -23.1510



129.9760, 12.8298, -55.2300

# Sweetspot

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



146.9330, 11.8650, 21.1068



212.6080, 4.6303, 8.2368



134.6740, 17.9087, -4.0991



106.7170, 2.6045, 4.6332



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



146.9330, 11.8650, 21.1068



184.4320, 18.5210, 32.9471



144.5390, 2.6923, 23.2063



81.7170, 2.6045, 4.6332



61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404



# Inverse Universe

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



146.9330, 11.8650, 21.1068



184.4320, 18.5210, 32.9471



156.3470, -3.1291, -23.1063



81.7170, 2.6045, 4.6332



61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404



# Previews

## White Background



This preview shows how the YUV color 146.9330, 11.8650, 21.1068 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

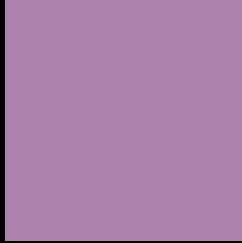
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 146.9330, 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 × Fail

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

# YUV 146.9330, 11.8650, 21.1068 Background



This preview shows how black text looks on a background with the YUV color 146.9330, 11.8650, 21.1068.



This preview shows how white text looks on a background with the YUV color 146.9330, 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

146.9330, 11.8650, 21.1068

### Protanopia

144.1250, 17.1934, -8.0026

### Deuteranopia

144.8010, 11.9301, 0.1745



## Tritanopia

145.7080, -0.3490, 18.6731

# Trichromacy



## Original Color

146.9330, 11.8650, 21.1068

## Protanomaly

145.3220, 15.1243, 2.3486

## Deuteranomaly

145.2580, 12.1978, 7.6667

## Tritanomaly

145.8590, 4.0135, 19.4177

# Monochromacy



## Original Color

146.9330, 11.8650, 21.1068

## Achromatopsia

147.0000, 0.0000, 0.0000

## Achromatomaly

147.1950, 4.3409, 7.7220

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 146.9330, 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(171, 130, 171)` looks like.

```
.text, #text, p{  
    color:rgb(171, 130, 171)  
}
```

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(171, 130, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 130, 171) }
```

## Border

The CSS property to change the border of an element to YUV 146.9330, 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(171, 130, 171) }
```



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

```
.border{ border-color:rgb(171, 130, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 130, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 130, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 130, 171);  
box-shadow:4px 4px 4px 4px rgb(171, 130,  
171) }
```

# Background

The CSS property to change the background color of an element to YUV 146.9330, 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(171, 130, 171) }
```

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

```
.background{ background-color: rgb(171,  
130, 171) }
```

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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