

# Converting Colors

YUV(147.0530, 33.4979,  
35.9105)

Have a look what the booklet for  
YUV(147.0530, 33.4979, 35.9105)  
contains.

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# Color

**YUV(147.0530, 33.4979,  
35.9105)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC71D7
RGB	188, 113, 215
RGB Percent	74%, 44%, 84%
CMY	0.2627, 0.5569, 0.1569
CMYK	0.13, 0.47, 0.00, 0.16
HSL	284°, 56%, 64%
HSV	284°, 47%, 84%
XYZ	38.9099, 27.4079, 67.5295
YIQ	147.0530, 11.9580, 47.6220

# Conversions

## Conversions Part 2

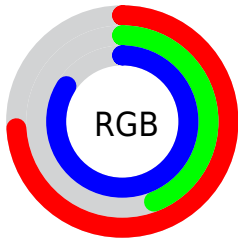
Format	Color
<a href="#">RYB</a>	<a href="#">188, 113, 215</a>
Decimal	<a href="#">12349911</a>
CIELab	<a href="#">59.35, 46.47, -40.65</a>
CIElCh	<a href="#">59, 61.741, 318.828</a>
Yxy	<a href="#">27.4079, 0.2907, 0.2048</a>
Android (android.graphics.Color)	<a href="#">4290539991 (0xFFBC71D7)</a>
YUV	<a href="#">147.0530, 33.4979, 35.9105</a>
Hunter-Lab	<a href="#">52.3526, 41.0492, -39.8312</a>

# Details

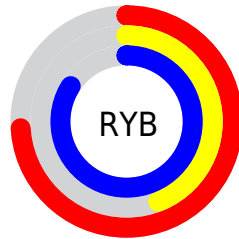
The YUV color **147.0530, 33.4979, 35.9105** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **180.9470, -33.4979, -35.9105**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.6530, 26.7931, 39.7693**, and **93.8140, 32.6297, 34.3661** is the 20% darker color. If you saturate the color by 10%, you get **132.9320, 40.4595, 43.0326**, and if you desaturate by 10%, it is **161.7610, 26.2468, 28.2736**.

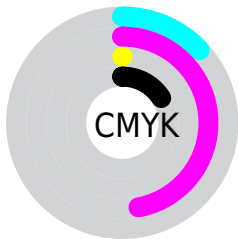
# Distribution



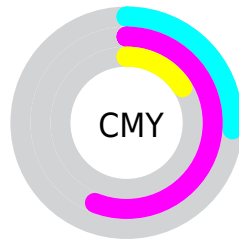
- Red (74%)
- Green (44%)
- Blue (84%)



- Red (74%)
- Yellow (44%)
- Blue (84%)



- Cyan (13%)
- Magenta (47%)
- Yellow (0%)
- Black (16%)




- Cyan (26%)
- Magenta (56%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 147.0530, 33.4979, 35.9105 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 147.0530, 33.4979, 35.9105 by changing the saturation by 10% instead.





 147.0530, 33.4979,  
35.9105

 147.0530, 33.4979,  
35.9105

255.0000, 0.0000,  
0.0000

 120.2270, 32.9191,  
34.8809


 200.6530, 26.7931,  
39.7693

 93.8140, 32.6297,  
34.3661


 219.7800, 17.3635,  
30.8879


 67.4010, 32.3403,  
33.8513

 236.2160, 9.2605,  
16.4736

 38.1670, 33.9347,  
35.8105

 253.2390, 0.8682,  
1.5444

 25.6080, 28.2943,  
24.8998

 16.2940, 21.0541,  
13.7742

 5.2780, 15.1459,

-4.6288

■ 1.3680, 5.2416,  
-1.1997

■ 0.0000, 0.0000,  
0.0000

■ 147.0530, 33.4979,  
35.9105

■ 147.0530, 33.4979,  
35.9105

■ 132.9320, 40.4595,  
43.0326

■ 161.7610, 26.2468,  
28.2736

■ 118.5230, 47.5632,  
51.2843

■ 175.5830, 19.4326,  
20.5367

■ 104.4020, 54.5248,  
58.4064

■ 190.2910, 12.1815,  
12.8998

■ 89.6940, 61.7759,  
66.0434

■ 204.4120, 5.2199,  
5.7777

75.2850, 68.8795,  
74.2951

218.8210, -1.8838,  
-2.4740

71.7520, 70.6213,  
75.6395

232.9420, -8.8454,  
-9.5961

242.3670,  
-13.4919, -12.5999

244.1610,  
-14.3764, -8.9112

245.6560,  
-15.1134, -5.8373

# Harmonies

## Analogous

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



139.2600, 52.6228, -31.8000



147.0530, 33.4979, 35.9105



142.2850, 11.6915, 76.9261

# Triad

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



147.0530, 33.4979, 35.9105



136.4920, -56.4446, 44.2955



118.6800, 28.2588, -104.0824

# Complementary

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



147.0530, 33.4979, 35.9105



180.9470, -33.4979, -35.9105

# 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.



111.7090, 4.0875, -97.9688



147.0530, 33.4979, 35.9105



132.2220, -53.8464, 4.1903

# Square

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



147.0530, 33.4979, 35.9105



139.2010, -38.0601, 74.3687



123.6620, -27.9344, -47.0616



122.3910, 50.0932, -107.3369



# Rectangle

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



147.0530, 33.4979, 35.9105



138.7090, -4.7865, 88.8322



123.6620, -27.9344, -47.0616



117.2150, 20.1070, -102.7976

# Sweetspot

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



147.0530, 33.4979, 35.9105



231.1770, 11.7447, 12.9998



140.4770, 36.7398, -24.0973



113.2920, 7.2510, 7.6369



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.



147.0530, 33.4979, 35.9105



158.5230, 47.5632, 51.2843



152.3900, 19.0347, 54.9090



99.6460, 3.6255, 3.8185



57.1680, 56.1192, 60.3657



14.4700, 14.0653, 15.3738



# Inverse Universe

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



146.5760, -3.2420, 60.0078



157.6870, -4.7757, 85.3435



175.6100, -19.0347, -54.9090



99.6310, -0.3111, 6.4626



56.2590, -5.5507, 100.6279

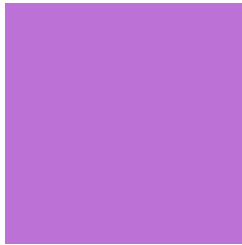


14.1110, -1.5337, 25.3357



# Previews

## White Background



This preview shows how the YUV color 147.0530, 33.4979, 35.9105 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

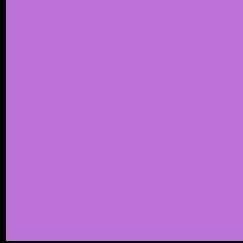
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 147.0530, 33.4979, 35.9105 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

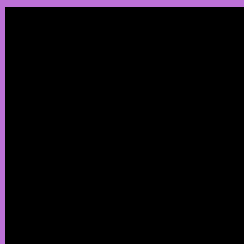
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 147.0530, 33.4979, 35.9105

## Background



This preview shows how black text looks on a background with the YUV color 147.0530, 33.4979, 35.9105.



This preview shows how white text looks on a background with the YUV color 147.0530, 33.4979, 35.9105.



# 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

147.0530, 33.4979, 35.9105

### Protanopia

139.9240, 48.8445, -33.2593

### Deuteranopia

141.5650, 33.2455, -23.2975



## Tritanopia

145.1930, -2.5601, 27.8947

# Trichromacy



## Original Color

147.0530, 33.4979, 35.9105



## Protanomaly

142.2970, 43.2376, -8.1535



## Deuteranomaly

143.4090, 33.3224, -1.2357



## Tritanomaly

145.9450, 10.3801, 30.7432

# Monochromacy



## Original Color

147.0530, 33.4979, 35.9105



## Achromatopsia

147.0000, 0.0000, 0.0000



## Achromatomaly

147.2910, 12.1815, 12.8998

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 147.0530, 33.4979, 35.9105 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(188, 113, 215)` looks like.

```
.text, #text, p{  
    color:rgb(188, 113, 215)  
}
```

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(188, 113, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 113, 215) }
```

## Border

The CSS property to change the border of an element to YUV 147.0530, 33.4979, 35.9105 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".

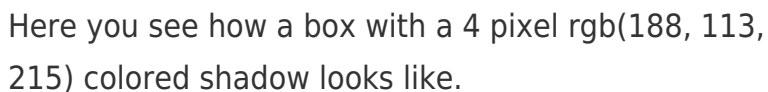
```
.border, #border, table{ border:4px solid rgb(188, 113, 215) }
```



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

```
.border{ border-color:rgb(188, 113, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 113, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 113, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 113, 215); box-shadow:4px 4px 4px 4px rgb(188, 113, 215) }
```

# Background

The CSS property to change the background color of an element to YUV 147.0530, 33.4979, 35.9105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 113, 215) }
```

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

```
.background{ background-color: rgb(188,  
113, 215) }
```

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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