

# Converting Colors

YUV(133.9700, 19.2418,  
35.1063)

Have a look what the booklet for  
YUV(133.9700, 19.2418, 35.1063)  
contains.

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# Color

**YUV(133.9700, 19.2418,  
35.1063)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE6AAD
RGB	174, 106, 173
RGB Percent	68%, 42%, 68%
CMY	0.3176, 0.5843, 0.3216
CMYK	0.00, 0.39, 0.01, 0.32
HSL	301°, 30%, 55%
HSV	301°, 39%, 68%
XYZ	30.1524, 22.3239, 42.2549
YIQ	133.9700, 19.0210, 35.2530

# Conversions

## Conversions Part 2

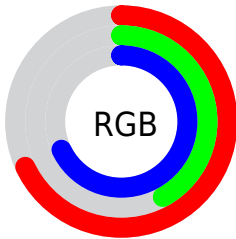
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">174, 106, 173</a>
Decimal	<a href="#">11430573</a>
CIELab	<a href="#">54.37, 37.69, -24.56</a>
CIELCh	<a href="#">54, 44.987, 326.917</a>
Yxy	<a href="#">22.3239, 0.3183, 0.2357</a>
Android (android.graphics.Color)	<a href="#">4289620653</a> ( <a href="#">0xFFAE6AAD</a> )
YUV	<a href="#">133.9700, 19.2418, 35.1063</a>
Hunter-Lab	<a href="#">47.2481, 31.2294, -19.9505</a>

# Details

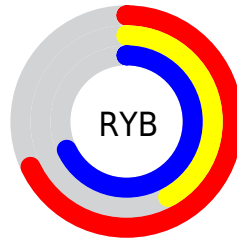
The YUV color **133.9700, 19.2418, 35.1063** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **146.0300, -19.2418, -35.1063**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.5080, 19.9626, 37.2655**, and **82.4320, 18.5210, 32.9471** is the 20% darker color. If you saturate the color by 10%, you get **123.9910, 24.1614, 43.8579**, and if you desaturate by 10%, it is **143.9490, 14.3221, 26.3547**.

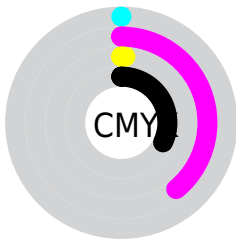
# Distribution



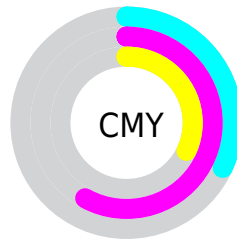
- Red (68%)
- Green (42%)
- Blue (68%)



- Red (68%)
- Yellow (42%)
- Blue (68%)



- Cyan (0%)
- Magenta (39%)
- Yellow (1%)
- Black (32%)



- Cyan (32%)
- Magenta (58%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 133.9700, 19.2418, 35.1063 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 133.9700, 19.2418, 35.1063 by changing the saturation by 10% instead.



133.9700, 19.2418,  
35.1063

133.9700, 19.2418,  
35.1063

255.0000, 0.0000,  
0.0000

108.1440, 18.6630,  
34.0767

188.5080, 19.9626,  
37.2655

82.4320, 18.5210,  
32.9471

214.4970, 19.9680,  
35.5211

57.1330, 18.6684,  
32.3324

230.9330, 11.8650,  
21.1068

30.4860, 19.9734,  
33.7768

247.9560, 3.4727,  
6.1776

19.3400, 14.6224,  
23.3808

8.1610, 9.2876,  
7.7518

0.0000, 0.0000,

0.0000

133.9700, 19.2418,  
35.1063

133.9700, 19.2418,  
35.1063

123.9910, 24.1614,  
43.8579

143.9490, 14.3221,  
26.3547

113.3110, 28.9337,  
53.2243

154.6290, 9.5499,  
16.9884

103.3320, 33.8533,  
61.9758

164.6080, 4.6303,  
8.2368

92.7660, 39.0624,  
71.2422

175.1740, -0.5788,  
-1.0296

82.7870, 43.9820,  
79.9938

185.1530, -5.4984,  
-9.7812

72.6940, 48.4649,  
88.8454

195.2460, -9.9813,  
-18.6327

71.5200, 49.0436,  
89.8750

205.8120,  
-15.1903, -27.8991

215.7910,  
-20.1100, -36.6507

221.6610,  
-23.0039, -41.7987

# Harmonies

## Analogous

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



131.3870, 33.3332, -4.7244



133.9700, 19.2418, 35.1063



131.9440, 1.9996, 58.8081

# Triad

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



133.9700, 19.2418, 35.1063



126.7790, -38.3450, 25.6268



106.1590, 28.5156, -93.1014

# Complementary

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



133.9700, 19.2418, 35.1063



146.0300, -19.2418, -35.1063

# 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.



101.7130, 11.4805, -89.2023



133.9700, 19.2418, 35.1063



122.4870, -32.2851, -4.8121

# Square

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



133.9700, 19.2418, 35.1063



128.4690, -31.2902, 49.5777



115.8380, -14.7101, -41.9539



107.2310, 42.7771, -94.0416



# Rectangle

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



133.9700, 19.2418, 35.1063



130.1760, -9.9468, 63.8666



115.8380, -14.7101, -41.9539



104.6770, 22.8372, -91.8017

# Sweetspot

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



133.9700, 19.2418, 35.1063



211.1510, 7.8136, 13.8996



113.7520, 29.7023, -6.7985



105.6080, 4.6303, 8.2368



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



133.9700, 19.2418, 35.1063



163.9630, 30.0912, 55.2834



130.2080, 4.8275, 38.4056



81.7170, 2.6045, 4.6332



61.7220, 42.5351, 77.4198



9.4990, 6.6560, 11.8404



# Inverse Universe

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



133.9700, 19.2418, 35.1063



163.9630, 30.0912, 55.2834



149.7920, -4.8275, -38.4056



81.7170, 2.6045, 4.6332



61.7220, 42.5351, 77.4198



9.4990, 6.6560, 11.8404



# Previews

## White Background



This preview shows how the YUV color 133.9700, 19.2418, 35.1063 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

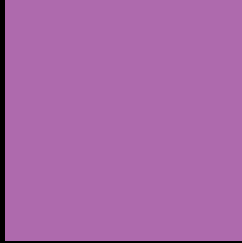
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 133.9700, 19.2418, 35.1063 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

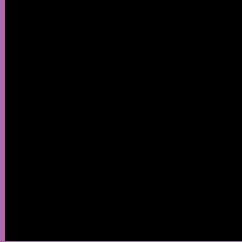
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 133.9700, 19.2418, 35.1063

## Background



This preview shows how black text looks on a background with the YUV color 133.9700, 19.2418, 35.1063.



This preview shows how white text looks on a background with the YUV color 133.9700, 19.2418,



# 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

133.9700, 19.2418, 35.1063

### Protanopia

129.6860, 29.7348, -17.2646

### Deuteranopia

130.8800, 18.7932, -7.7878



## Tritanopia

132.5740, -3.7340, 31.0686

# Trichromacy



## Original Color

133.9700, 19.2418, 35.1063

## Protanomaly

131.1830, 26.0388, 1.5935

## Deuteranomaly

131.9790, 18.7444, 7.9114

## Tritanomaly

132.7620, 4.5543, 32.6577

# Monochromacy



## Original Color

133.9700, 19.2418, 35.1063

## Achromatopsia

134.0000, 0.0000, 0.0000

## Achromatomaly

134.2110, 6.7980, 12.9700

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 133.9700, 19.2418, 35.1063 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(174, 106, 173)` looks like.

```
.text, #text, p{  
    color:rgb(174, 106, 173)  
}
```

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(174, 106, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 106, 173) }
```

## Border

The CSS property to change the border of an element to YUV 133.9700, 19.2418, 35.1063 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(174, 106, 173) }
```



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

```
.border{ border-color:rgb(174, 106, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 106, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 106, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 106, 173);  
box-shadow:4px 4px 4px 4px rgb(174, 106,  
173) }
```

# Background

The CSS property to change the background color of an element to YUV 133.9700, 19.2418, 35.1063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 106, 173) }
```

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

```
.background{ background-color: rgb(174,  
106, 173) }
```

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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