

# Converting Colors

YUV(98.3230, 34.3508, 89.1707)

Have a look what the booklet for  
YUV(98.3230, 34.3508, 89.1707)  
contains.

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# Color

**YUV(98.3230, 34.3508,  
89.1707)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C821A8
RGB	200, 33, 168
RGB Percent	78%, 13%, 66%
CMY	0.2157, 0.8706, 0.3412
CMYK	0.00, 0.83, 0.16, 0.22
HSL	311°, 72%, 46%
HSV	311°, 84%, 78%
XYZ	31.4312, 16.1942, 38.5150
YIQ	98.3230, 56.1970, 77.3890

# Conversions

## Conversions Part 2

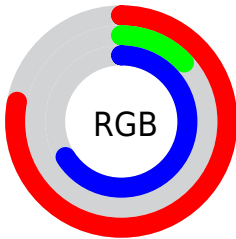
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 33, 168
Decimal	13115816
CIE <sub>Lab</sub>	47.23, 73.23, -32.43
CIE <sub>LCh</sub>	47, 80.086, 336.112
Yxy	16.1942, 0.3649, 0.1880
Android (android.graphics.Color)	4291305896 (0xFFC821A8)
YUV	98.3230, 34.3508, 89.1707
Hunter-Lab	40.2421, 68.9943, -28.5760

# Details

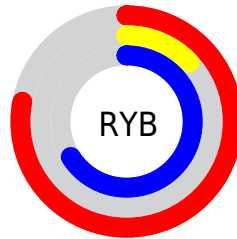
The YUV color **98.3230, 34.3508, 89.1707** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **134.6770, -34.3508, -89.1707**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0680, 31.0255, 82.3784**, and **55.2690, 29.4474, 75.1861** is the 20% darker color. If you saturate the color by 10%, you get **86.1270, 38.3914, 99.8666**, and if you desaturate by 10%, it is **110.5190, 30.3101, 78.4748**.

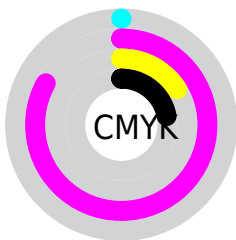
# Distribution



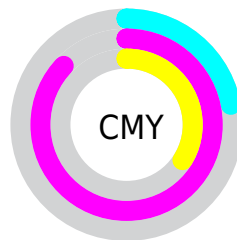
- Red (78%)
- Green (13%)
- Blue (66%)



- Red (78%)
- Yellow (13%)
- Blue (66%)



- Cyan (0%)
- Magenta (83%)
- Yellow (16%)
- Black (22%)




- Cyan (22%)
- Magenta (87%)
- Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 98.3230, 34.3508, 89.1707 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 98.3230, 34.3508, 89.1707 by changing the saturation by 10% instead.





 98.3230, 34.3508,  
89.1707


 98.3230, 34.3508,  
89.1707


255.0000, 0.0000,  
0.0000


 66.9040, 36.5293,  
90.4152


 161.0680, 31.0255,  
82.3784


 55.2690, 29.4474,  
75.1861


 181.2830, 34.8635,  
64.6498


 44.0470, 22.6548,  
60.4718


 199.2350, 27.4921,  
48.9059

 33.0530, 16.7359,  
45.5575

 216.2580, 19.0998,  
33.9767

 22.3580, 10.6695,  
31.2580

 233.8680, 10.4181,  
18.5328

 10.5810, 5.6296,  
14.3995

 251.4780, 1.7363,

 0.0000, 0.0000,

3.0888

0.0000

■ 98.3230, 34.3508,  
89.1707

■ 98.3230, 34.3508,  
89.1707

■ 86.1270, 38.3914,  
99.8666

■ 110.5190, 30.3101,  
78.4748

■ 78.2680, 41.2799,  
106.7590

■ 122.7150, 26.2695,  
67.7789

■ 134.7970, 21.7921,  
57.1830

■ 146.9930, 17.7515,  
46.4871

■ 159.1890, 13.7108,  
35.7912

■ 171.3850, 9.6702,  
25.0954

■ 183.5810, 5.6296,  
14.3995

■ 195.7770, 1.5889,  
3.7036

■ 207.8590, -2.8885,  
-6.8923

# Harmonies

## Analogous

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



112.9800, 54.2399, 9.6645



98.3230, 34.3508, 89.1707



79.0880, 10.8026, 128.8418

# Triad

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



98.3230, 34.3508, 89.1707



104.2930, -51.4164, 18.1600



103.3670, 43.2031, -90.6529

# Complementary

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



98.3230, 34.3508, 89.1707



134.6770, -34.3508, -89.1707

# 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.



95.8430, 14.3744, -84.0543



98.3230, 34.3508, 89.1707



89.4770, -44.1122, -38.1293

# Square

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



98.3230, 34.3508, 89.1707



104.2910, -51.4155, 64.6428



85.7600, -16.6437, -75.2115



105.0890, 65.0321, -92.1631



# Rectangle

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



98.3230, 34.3508, 89.1707



81.7950, -11.7309, 122.9598



85.7600, -16.6437, -75.2115



101.5600, 33.7409, -89.0681

# Sweetspot

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



98.3230, 34.3508, 89.1707



216.0640, 13.2794, 34.1469



61.3070, 68.3756, 2.3618



104.1950, 7.7919, 20.8770



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.



98.3230, 34.3508, 89.1707



99.7290, 52.3916, 136.1727



88.9750, -1.4667, 97.3689



93.6030, 2.1677, 4.7332



63.7850, 33.6300, 87.0116



14.0700, 7.3605, 19.2326



# Inverse Universe

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



98.3230, 34.3508, 89.1707



99.7290, 52.3916, 136.1727



144.0250, 1.4667, -97.3689



93.6030, 2.1677, 4.7332



63.7850, 33.6300, 87.0116



14.0700, 7.3605, 19.2326



# Previews

## White Background



This preview shows how the YUV color 98.3230, 34.3508, 89.1707 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

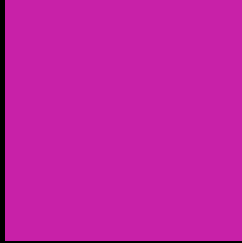
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 98.3230, 34.3508, 89.1707 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

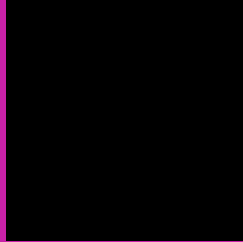
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 98.3230, 34.3508, 89.1707

## Background



This preview shows how black text looks on a background with the YUV color 98.3230, 34.3508, 89.1707.



This preview shows how white text looks on a background with the YUV color 98.3230, 34.3508,



# 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

98.3230, 34.3508, 89.1707

### Protanopia

96.4820, 65.8244, -66.1977

### Deuteranopia

112.7590, 22.3038, -13.8206



## Tritanopia

107.7490, -15.6523, 73.8881

# Trichromacy



## Original Color

98.3230, 34.3508, 89.1707



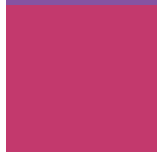
## Protanomaly

96.8590, 54.2995, -9.5233



## Deuteranomaly

107.2550, 26.9893, 23.4554



## Tritanomaly

104.1900, 2.3713, 79.6404

# Monochromacy



## Original Color

98.3230, 34.3508, 89.1707



## Achromatopsia

98.0000, 0.0000, 0.0000



## Achromatomaly

97.8250, 12.4113, 32.6025

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.3230, 34.3508, 89.1707 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(200, 33, 168)` looks like.

```
.text, #text, p{  
    color:rgb(200, 33, 168)  
}
```

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(200, 33, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 33, 168) }
```

## Border

The CSS property to change the border of an element to YUV 98.3230, 34.3508, 89.1707 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(200, 33, 168) }
```



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

```
.border{ border-color:rgb(200, 33, 168) }
```

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

Here you see how a box with a 4 pixel rgb(200, 33, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 33, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 33, 168);  
box-shadow:4px 4px 4px 4px rgb(200, 33,  
168) }
```

# Background

The CSS property to change the background color of an element to YUV 98.3230, 34.3508, 89.1707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 33, 168) }
```

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

```
.background{ background-color: rgb(200, 33,  
168) }
```

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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