

# Converting Colors

YUV(168.2320, 11.7176,  
21.7215)

Have a look what the booklet for  
YUV(168.2320, 11.7176, 21.7215)  
contains.

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# Color

**YUV(168.2320, 11.7176,  
21.7215)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C197C0
RGB	193, 151, 192
RGB Percent	76%, 59%, 75%
CMY	0.2431, 0.4078, 0.2471
CMYK	0.00, 0.22, 0.01, 0.24
HSL	301°, 25%, 67%
HSV	301°, 22%, 76%
XYZ	42.5734, 37.2764, 54.8204
YIQ	168.2320, 11.8710, 21.6550

# Conversions

## Conversions Part 2

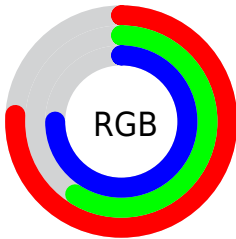
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 151, 192
Decimal	12687296
CIE <sub>Lab</sub>	67.48, 22.72, -15.17
CIE <sub>LCh</sub>	67, 27.318, 326.268
Yxy	37.2764, 0.3161, 0.2768
Android (android.graphics.Color)	4290877376 (0xFFC197C0)
YUV	168.2320, 11.7176, 21.7215
Hunter-Lab	61.0544, 17.6231, -10.4980

# Details

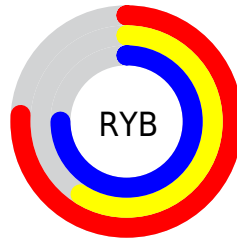
The YUV color **168.2320, 11.7176, 21.7215** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **175.7680, -11.7176, -21.7215**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.9440, 11.8596, 22.8511**, and **115.9930, 10.8495, 20.1771** is the 20% darker color. If you saturate the color by 10%, you get **157.0790, 17.2161, 31.5027**, and if you desaturate by 10%, it is **179.3850, 6.2192, 11.9404**.

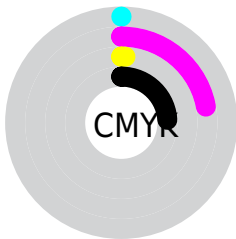
# Distribution



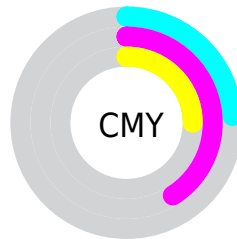
- Red (76%)
- Green (59%)
- Blue (75%)



- Red (76%)
- Yellow (59%)
- Blue (75%)



- Cyan (0%)
- Magenta (22%)
- Yellow (1%)
- Black (24%)




- Cyan (24%)
- Magenta (41%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 168.2320, 11.7176, 21.7215 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 168.2320, 11.7176, 21.7215 by changing the saturation by 10% instead.





 168.2320, 11.7176,  
21.7215

 168.2320, 11.7176,  
21.7215


255.0000, 0.0000,  
0.0000


 141.8190, 11.4282,  
21.2067


 223.9440, 11.8596,  
22.8511


 115.9930, 10.8495,  
20.1771

 242.6730, 6.0772,  
10.8108

 90.6940, 10.9969,  
19.5624

 66.8680, 10.4181,  
18.5328

 44.1560, 10.2761,  
17.4032

 21.8570, 10.4235,  
16.7884

 7.5910, 7.1036,

8.2517

■ 0.0000, 0.0000,  
0.0000

■ 168.2320, 11.7176,  
21.7215

■ 168.2320, 11.7176,  
21.7215

■ 157.0790, 17.2161,  
31.5027

■ 179.3850, 6.2192,  
11.9404

■ 145.2250, 22.5671,  
41.8987

■ 191.2390, 0.8682,  
1.5444

■ 134.0720, 28.0655,  
51.6799

■ 202.3920, -4.6303,  
-8.2368

■ 122.8050, 33.1271,  
61.5610

■ 213.6590, -9.6919,  
-18.1179

■ 111.6520, 38.6256,  
71.3422

■ 225.3990,  
-15.4797, -28.4139

■ 99.7980, 43.9766,  
81.7382

■ 229.6220,  
-17.0686, -32.1175

■ 88.6450, 49.4750,  
91.5193

■ 229.7360,  
-16.6318, -32.2175

■ 79.1390, 53.6685,  
99.8561

# Harmonies

## Analogous

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



166.0810, 20.6661, -1.8250



168.2320, 11.7176, 21.7215



167.6440, 0.1755, 37.1462

# Triad

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



168.2320, 11.7176, 21.7215



163.5190, -23.9199, 18.8388



151.8880, 16.3242, -56.0298

# Complementary

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



168.2320, 11.7176, 21.7215



175.7680, -11.7176, -21.7215

# 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.



153.8220, 3.0458, -43.6939



168.2320, 11.7176, 21.7215



160.4240, -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.



168.2320, 11.7176, 21.7215



164.9430, -20.1849, 34.2530



157.3980, -10.5492, -23.1510



154.8100, 24.7437, -49.8224



# Rectangle

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



168.2320, 11.7176, 21.7215



167.0160, -7.4029, 41.2050



157.3980, -10.5492, -23.1510



151.8730, 12.3876, -53.3856

# Sweetspot

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



168.2320, 11.7176, 21.7215



239.3200, 4.7722, 9.3664



156.0870, 18.1981, -3.5843



119.1300, 2.8939, 5.1480



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



168.2320, 11.7176, 21.7215



211.6170, 17.9368, 33.6619



165.8380, 2.5449, 23.8211



91.1300, 2.8939, 5.1480



66.0370, 44.8448, 83.2826



13.5150, 9.1131, 17.0883



# Inverse Universe

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



168.2320, 11.7176, 21.7215



211.6170, 17.9368, 33.6619



178.1620, -2.5449, -23.8211



91.1300, 2.8939, 5.1480



66.0370, 44.8448, 83.2826

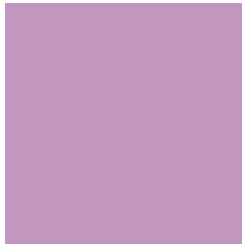


13.5150, 9.1131, 17.0883



# Previews

## White Background



This preview shows how the YUV color 168.2320, 11.7176, 21.7215 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

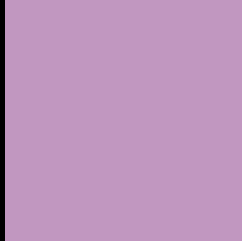
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 168.2320, 11.7176, 21.7215 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

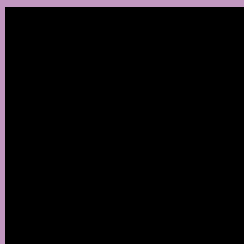
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 168.2320, 11.7176, 21.7215

## Background



This preview shows how black text looks on a background with the YUV color 168.2320, 11.7176, 21.7215.



This preview shows how white text looks on a background with the YUV color 168.2320, 11.7176, 21.7215.



# 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

168.2320, 11.7176, 21.7215

### Protanopia

165.1250, 17.1934, -8.0026

### Deuteranopia

166.3990, 11.6353, 1.4041



## Tritanopia

166.8330, 0.0823, 20.3175

# Trichromacy



## Original Color

168.2320, 11.7176, 21.7215

## Protanomaly

166.3220, 15.1243, 2.3486

## Deuteranomaly

166.8560, 11.9030, 8.8963

## Tritanomaly

167.5710, 4.1555, 20.5472

# Monochromacy



## Original Color

168.2320, 11.7176, 21.7215

## Achromatopsia

168.0000, 0.0000, 0.0000

## Achromatomaly

168.1950, 4.3409, 7.7220

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 168.2320, 11.7176, 21.7215 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(193, 151, 192)` looks like.

```
.text, #text, p{  
    color:rgb(193, 151, 192)  
}
```

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(193, 151, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 151, 192) }
```

## Border

The CSS property to change the border of an element to YUV 168.2320, 11.7176, 21.7215 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(193, 151, 192) }
```



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

```
.border{ border-color:rgb(193, 151, 192) }
```

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

Here you see how a box with a 4 pixel rgb(193, 151, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 151, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 151, 192);  
box-shadow:4px 4px 4px 4px rgb(193, 151,  
192) }
```

# Background

The CSS property to change the background color of an element to YUV 168.2320, 11.7176, 21.7215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 151, 192) }
```

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

```
.background{ background-color: rgb(193,  
151, 192) }
```

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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