

# Converting Colors

YUV(168.7390, 6.0447, 21.2769)

Have a look what the booklet for  
YUV(168.7390, 6.0447, 21.2769)  
contains.

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# Color

**YUV(168.7390, 6.0447,  
21.2769)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C19AB5
RGB	193, 154, 181
RGB Percent	76%, 60%, 71%
CMY	0.2431, 0.3961, 0.2902
CMYK	0.00, 0.20, 0.06, 0.24
HSL	318°, 24%, 68%
HSV	318°, 20%, 76%
XYZ	41.8884, 37.7849, 48.8015
YIQ	168.7390, 14.5770, 16.6650

# Conversions

## Conversions Part 2

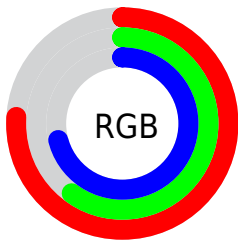
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 154, 181
Decimal	12688053
CIE <sub>Lab</sub>	67.86, 19.03, -8.47
CIE <sub>LCh</sub>	68, 20.827, 336.008
Yxy	37.7849, 0.3260, 0.2941
Android (android.graphics.Color)	4290878133 (0xFFC19AB5)
<b>YUV</b>	168.7390, 6.0447, 21.2769
Hunter-Lab	61.4694, 14.0677, -4.0427

# Details

The YUV color **168.7390, 6.0447, 21.2769** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **178.2610, -6.0447, -21.2769**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.4510, 6.1867, 22.4065**, and **116.6140, 5.6133, 19.6325** is the 20% darker color. If you saturate the color by 10%, you get **156.9020, 8.9223, 31.6579**, and if you desaturate by 10%, it is **180.5760, 3.1670, 10.8958**.

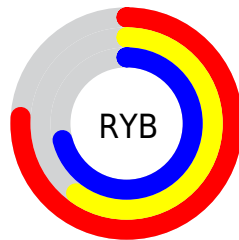
# Distribution



Red (76%)

Green (60%)

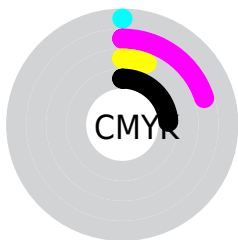
Blue (71%)



Red (76%)

Yellow (60%)

Blue (71%)

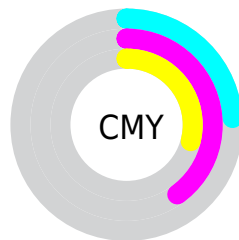


Cyan (0%)

Magenta (20%)

Yellow (6%)

Black (24%)



Cyan (24%)

Magenta (40%)

Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 168.7390, 6.0447, 21.2769 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 168.7390, 6.0447, 21.2769 by changing the saturation by 10% instead.




 168.7390, 6.0447,  
21.2769


 168.7390, 6.0447,  
21.2769


255.0000, 0.0000,  
0.0000


 142.3260, 5.7553,  
20.7621

 224.4510, 6.1867,  
22.4065

 116.6140, 5.6133,  
19.6325

 244.4340, 5.2090,  
9.2664

 91.3150, 5.7607,  
19.0177

 67.6030, 5.6187,  
17.8882

 45.1900, 5.3293,  
17.3734

 23.5920, 5.6241,  
16.1438

 6.7500, 2.5882,

9.8663

0.0000, 0.0000,  
0.0000

168.7390, 6.0447,  
21.2769

168.7390, 6.0447,  
21.2769

156.9020, 8.9223,  
31.6579

180.5760, 3.1670,  
10.8958

144.4780, 12.0893,  
42.5538

193.0000, 0.0000,  
0.0000

132.6410, 14.9670,  
52.9348

204.8370, -2.8776,  
-10.3810

120.8040, 17.8446,  
63.3159

216.6740, -5.7553,  
-20.7621

108.3800, 21.0117,  
74.2117

229.0980, -8.9223,  
-31.6579

■ 96.5430, 23.8893,  
84.5928

■ 232.1300, -7.4591,  
-34.3170

■ 84.7060, 26.7669,  
94.9738

■ 232.8140, -4.8383,  
-34.9169

■ 72.9830, 30.0814,  
105.2549

■ 233.4980, -2.2175,  
-35.5167

■ 234.0680, -0.0335,  
-36.0166

# Harmonies

## Analogous

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



167.4040, 14.0978, 4.9077



168.7390, 6.0447, 21.2769



168.3890, -3.1498, 30.3538

# Triad

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



168.7390, 6.0447, 21.2769



164.0710, -17.7830, 10.4617



157.8300, 14.3808, -39.3159

# Complementary

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



168.7390, 6.0447, 21.2769



178.2610, -6.0447, -21.2769

# 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.



157.8600, 5.4920, -34.9572



168.7390, 6.0447, 21.2769



162.1120, -13.3662, -6.2372

# Square

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



168.7390, 6.0447, 21.2769



166.0880, -16.8054, 23.6018



159.8910, -4.8763, -22.7064



160.4380, 19.0111, -31.0791



# Rectangle

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



168.7390, 6.0447, 21.2769



167.9070, -8.8282, 31.6536



159.8910, -4.8763, -22.7064



157.7330, 11.4706, -39.2308

# Sweetspot

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



168.7390, 6.0447, 21.2769



240.6250, 2.1569, 8.2219



162.0340, 15.2662, 3.4782



119.3750, 1.2941, 4.9331



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.



168.7390, 6.0447, 21.2769



212.6140, 9.0643, 32.7875



166.5730, -2.2545, 23.1765



90.7880, 1.5835, 5.4479



60.7930, 24.7521, 87.8815



12.4890, 5.1819, 17.9881



# Inverse Universe

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



168.7390, 6.0447, 21.2769



212.6140, 9.0643, 32.7875



180.4270, 2.2545, -23.1765



90.7880, 1.5835, 5.4479



60.7930, 24.7521, 87.8815



12.4890, 5.1819, 17.9881



# Previews

## White Background



This preview shows how the YUV color 168.7390, 6.0447, 21.2769 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

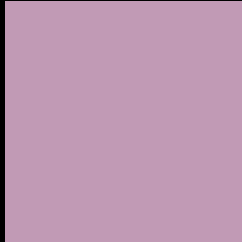
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 168.7390, 6.0447, 21.2769 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

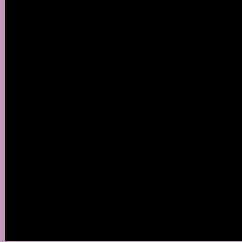
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 168.7390, 6.0447, 21.2769

## Background



This preview shows how black text looks on a background with the YUV color 168.7390, 6.0447, 21.2769.



This preview shows how white text looks on a background with the YUV color 168.7390, 6.0447,



# 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

168.7390, 6.0447, 21.2769

### Protanopia

166.1380, 10.7780, -3.6290

### Deuteranopia

167.3520, 6.2355, 6.7073



## Tritanopia

167.8330, 0.0823, 20.3175

# Trichromacy



## Original Color

168.7390, 6.0447, 21.2769

## Protanomaly

166.7370, 9.0037, 5.4927

## Deuteranomaly

167.6840, 6.0718, 12.5551

## Tritanomaly

168.1150, 2.4083, 20.9471

# Monochromacy



## Original Color

168.7390, 6.0447, 21.2769

## Achromatopsia

169.0000, 0.0000, 0.0000

## Achromatomaly

169.2120, 1.8675, 7.7071

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 168.7390, 6.0447, 21.2769 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, 154, 181)` looks like.

```
.text, #text, p{  
    color:rgb(193, 154, 181)  
}
```

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, 154, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 154, 181) }
```

## Border

The CSS property to change the border of an element to YUV 168.7390, 6.0447, 21.2769 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, 154, 181) }
```



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

```
.border{ border-color:rgb(193, 154, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 154, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 154, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 154, 181);  
box-shadow:4px 4px 4px 4px rgb(193, 154,  
181) }
```

# Background

The CSS property to change the background color of an element to YUV 168.7390, 6.0447, 21.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 154, 181) }
```

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

```
.background{ background-color: rgb(193,  
154, 181) }
```

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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