

# Converting Colors

YUV(161.4030, 5.7173, 32.9726)

Have a look what the booklet for  
YUV(161.4030, 5.7173, 32.9726)  
contains.

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# Color

**YUV(161.4030, 5.7173,  
32.9726)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C78CAD
RGB	199, 140, 173
RGB Percent	78%, 55%, 68%
CMY	0.2196, 0.4510, 0.3216
CMYK	0.00, 0.30, 0.13, 0.22
HSL	326°, 35%, 66%
HSV	326°, 30%, 78%
XYZ	40.4741, 33.9154, 43.9483
YIQ	161.4030, 24.5710, 22.7710

# Conversions

## Conversions Part 2

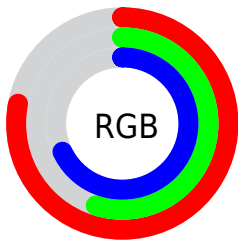
Format	Color
<b>RYB</b>	199, 140, 173
Decimal	13077677
CIELab	64.90, 27.48, -8.33
CIELCh	65, 28.717, 343.136
Yxy	33.9154, 0.3420, 0.2866
Android (android.graphics.Color)	4291267757 (0xFFC78CAD)
YUV	161.4030, 5.7173, 32.9726
Hunter-Lab	58.2369, 22.1411, -3.9771

# Details

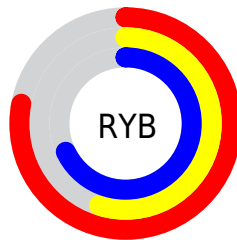
The YUV color **161.4030, 5.7173, 32.9726** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **177.5970, -5.7173, -32.9726**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.1150, 5.8593, 34.1021**, and **109.0930, 5.8702, 30.6134** is the 20% darker color. If you saturate the color by 10%, you get **148.6370, 7.5740, 44.1684**, and if you desaturate by 10%, it is **174.1690, 3.8607, 21.7768**.

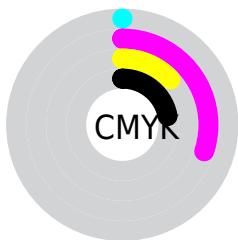
# Distribution



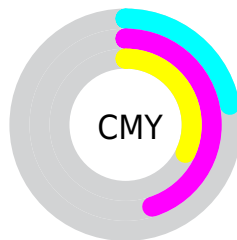
- Red (78%)
- Green (55%)
- Blue (68%)



- Red (78%)
- Yellow (55%)
- Blue (68%)



- Cyan (0%)
- Magenta (30%)
- Yellow (13%)
- Black (22%)



- Cyan (22%)
- Magenta (45%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 161.4030, 5.7173, 32.9726 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 161.4030, 5.7173, 32.9726 by changing the saturation by 10% instead.




 161.4030, 5.7173,  
32.9726


 161.4030, 5.7173,  
32.9726


255.0000, 0.0000,  
0.0000


 134.6910, 5.5753,  
31.8430


 216.1150, 5.8593,  
34.1021


 109.0930, 5.8702,  
30.6134


 235.6290, 9.5499,  
16.9884

 84.3810, 5.7282,  
29.4839

 252.6520, 1.1576,  
2.0592

 59.7830, 6.0230,  
28.2543

 36.5980, 6.6072,  
27.5396

 16.7610, 6.0338,  
24.7656

 4.1860, -2.0637,

8.6069

0.0000, 0.0000,  
0.0000

161.4030, 5.7173,  
32.9726

161.4030, 5.7173,  
32.9726

148.6370, 7.5740,  
44.1684

174.1690, 3.8607,  
21.7768

135.8710, 9.4306,  
55.3641

186.9350, 2.0040,  
10.5810

123.2190, 11.7240,  
66.4599

199.5870, -0.2894,  
-0.5148

110.4530, 13.5807,  
77.6557

212.3530, -2.1460,  
-11.7106

98.2740, 15.1479,  
88.3367

225.1190, -4.0027,  
-22.9064

■ 85.5080, 17.0046,  
99.5325

■ 234.9500, -4.4124,  
-31.5282

■ 72.8560, 19.2980,  
110.6283

■ 235.8620, -0.9180,  
-32.3280

■ 72.1550, 19.1506,  
111.2431

■ 236.8880, 3.0132,  
-33.2278

■ 237.9140, 6.9444,  
-34.1276

# Harmonies

## Analogous

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



160.8440, 16.8389, 12.4148



161.4030, 5.7173, 32.9726



160.2550, -6.5347, 42.7494

# Triad

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



161.4030, 5.7173, 32.9726



154.5670, -23.4505, 8.2727



144.4020, 23.4658, -59.9886

# Complementary

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



161.4030, 5.7173, 32.9726



177.5970, -5.7173, -32.9726

# 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.



144.0360, 11.8143, -56.1596



161.4030, 5.7173, 32.9726



151.3730, -15.9599, -14.3591

# Square

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



161.4030, 5.7173, 32.9726



157.2750, -23.7996, 26.9458



147.9600, -2.9383, -37.6759



150.5490, 27.3373, -41.7005



# Rectangle

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



161.4030, 5.7173, 32.9726



159.5940, -14.0968, 41.5751



147.9600, -2.9383, -37.6759



143.5930, 20.4137, -61.0331

# Sweetspot

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



161.4030, 5.7173, 32.9726



240.3590, 2.2880, 12.8402



154.5000, 21.9385, 10.0855



118.3970, 1.2833, 8.4218



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.



161.4030, 5.7173, 32.9726



196.4360, 9.1521, 51.3606



158.0970, -6.9498, 35.8719



93.2610, 0.8573, 5.0331



59.1110, 15.7213, 91.1107



13.0440, 3.4293, 20.1324



# Inverse Universe

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



161.4030, 5.7173, 32.9726



196.4360, 9.1521, 51.3606



180.9030, 6.9498, -35.8719



93.2610, 0.8573, 5.0331



59.1110, 15.7213, 91.1107

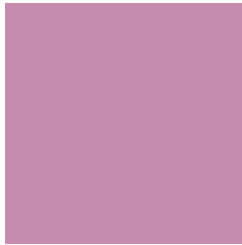


13.0440, 3.4293, 20.1324



# Previews

## White Background



This preview shows how the YUV color 161.4030, 5.7173, 32.9726 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

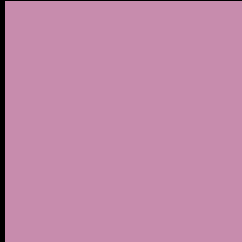
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 161.4030, 5.7173, 32.9726 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

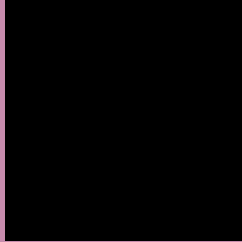
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 161.4030, 5.7173, 32.9726

## Background



This preview shows how black text looks on a background with the YUV color 161.4030, 5.7173, 32.9726.



This preview shows how white text looks on a background with the YUV color 161.4030, 5.7173,



# 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

161.4030, 5.7173, 32.9726

### Protanopia

158.8820, 12.3832, -5.1585

### Deuteranopia

159.2380, 5.7987, 6.8073



## Tritanopia

160.4000, -3.1552, 32.0982

# Trichromacy



**Original Color**

161.4030, 5.7173, 32.9726

**Protanomaly**

159.9870, 9.8664, 8.7814

**Deuteranomaly**

160.0050, 5.9135, 16.6586

**Tritanomaly**

160.9100, 0.0444, 32.5279

# Monochromacy



**Original Color**

161.4030, 5.7173, 32.9726

**Achromatopsia**

161.0000, 0.0000, 0.0000

**Achromatomaly**

160.9460, 1.9986, 12.3254

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 161.4030, 5.7173, 32.9726 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(199, 140, 173)` looks like.

```
.text, #text, p{  
    color:rgb(199, 140, 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(199, 140, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 140, 173) }
```

## Border

The CSS property to change the border of an element to YUV 161.4030, 5.7173, 32.9726 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(199, 140, 173) }
```



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

```
.border{ border-color:rgb(199, 140, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 140, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 140, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 140, 173);  
box-shadow:4px 4px 4px 4px rgb(199, 140,  
173) }
```

# Background

The CSS property to change the background color of an element to YUV 161.4030, 5.7173, 32.9726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 140, 173) }
```

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

```
.background{ background-color: rgb(199,  
140, 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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