

# Converting Colors

YUV(161.9930, 7.3985, 7.0221)

Have a look what the booklet for  
YUV(161.9930, 7.3985, 7.0221)  
contains.

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# Color

**YUV(161.9930, 7.3985,  
7.0221)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA9BB1
RGB	170, 155, 177
RGB Percent	67%, 61%, 69%
CMY	0.3333, 0.3922, 0.3059
CMYK	0.04, 0.12, 0.00, 0.31
HSL	281°, 12%, 65%
HSV	281°, 12%, 69%
XYZ	36.2347, 35.1631, 46.4723
YIQ	161.9930, 1.8780, 10.0220

# Conversions

## Conversions Part 2

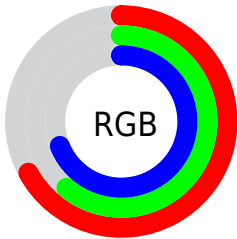
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">170, 155, 177</a>
Decimal	<a href="#">11180977</a>
CIELab	<a href="#">65.88, 9.64, -9.42</a>
CIELCh	<a href="#">66, 13.475, 315.657</a>
Yxy	<a href="#">35.1631, 0.3074, 0.2983</a>
Android (android.graphics.Color)	<a href="#">4289371057 (0xFFAA9BB1)</a>
YUV	<a href="#">161.9930, 7.3985, 7.0221</a>
Hunter-Lab	<a href="#">59.2985, 5.3013, -4.9568</a>

# Details

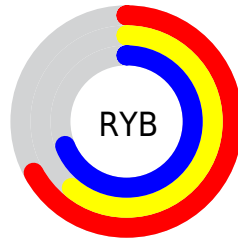
The YUV color **161.9930, 7.3985, 7.0221** is a light color, and the websafe version is hex **999999**. A complement of this color would be **170.0070, -7.3985, -7.0221**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.5200, 8.1246, 7.4370**, and **110.4660, 6.6723, 6.6073** is the 20% darker color. If you saturate the color by 10%, you get **149.6330, 13.4919, 12.5999**, and if you desaturate by 10%, it is **174.3530, 1.3050, 1.4444**.

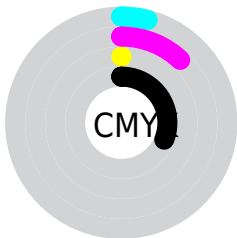
# Distribution



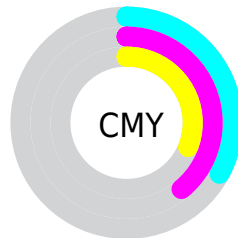
- Red (67%)
- Green (61%)
- Blue (69%)



- Red (67%)
- Yellow (61%)
- Blue (69%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (31%)



- Cyan (33%)
- Magenta (39%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 161.9930, 7.3985, 7.0221 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 161.9930, 7.3985, 7.0221 by changing the saturation by 10% instead.



■ 161.9930, 7.3985,  
7.0221

■ 161.9930, 7.3985,  
7.0221

255.0000, 0.0000,  
0.0000

■ 135.5800, 7.1091,  
6.5073

■ 216.5200, 8.1246,  
7.4370

■ 110.4660, 6.6723,  
6.6073

■ 244.7220, 5.0671,  
8.1368

■ 86.1670, 6.8197,  
5.9925

■ 62.7540, 6.5303,  
5.4777

■ 40.6400, 6.0935,  
5.5777

■ 19.6400, 6.0935,  
5.5777

■ 0.6840, 2.6208,

-0.5999

0.0000, 0.0000,  
0.0000

161.9930, 7.3985,  
7.0221

161.9930, 7.3985,  
7.0221

149.6330, 13.4919,  
12.5999

174.3530, 1.3050,  
1.4444

138.1590, 19.1486,  
18.2776

185.8270, -4.3517,  
-4.2333

125.7990, 25.2421,  
23.8553

198.1870,  
-10.4452, -9.8110

113.4390, 31.3356,  
29.4330

210.5470,  
-16.5387, -15.3887

101.3780, 37.2816,  
35.6255

222.0210,  
-22.1954, -21.0664

89.6050, 43.0857,  
40.6884

230.8590,  
-26.5525, -23.5553

77.5440, 49.0318,  
46.8809

232.3540,  
-27.2895, -20.4815

65.1840, 55.1253,  
52.4586

234.1480,  
-28.1740, -16.7928

56.3570, 59.4770,  
56.6919

235.9420,  
-29.0584, -13.1041

# Harmonies

## Analogous

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



160.5400, 11.0728, -4.8586



161.9930, 7.3985, 7.0221



162.2670, 1.8404, 16.4288

# Triad

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



161.9930, 7.3985, 7.0221



160.1020, -11.3893, 13.0655



155.8230, 5.0173, -22.6468

# Complementary

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



161.9930, 7.3985, 7.0221



170.0070, -7.3985, -7.0221

# 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.



156.5480, -1.2562, -17.1436



161.9930, 7.3985, 7.0221



158.8620, -10.7780, 3.6290

# Square

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



161.9930, 7.3985, 7.0221



161.7160, -9.2270, 19.5431



157.7080, -7.2510, -7.6369



156.7890, 9.9640, -22.6170



# Rectangle

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



161.9930, 7.3985, 7.0221



162.5510, -2.2436, 19.6878



157.7080, -7.2510, -7.6369



155.6660, 3.1227, -21.6321

# Sweetspot

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



161.9930, 7.3985, 7.0221



223.2330, 3.3361, 3.3037



161.6170, 7.5838, -5.8031



110.8800, 2.0312, 1.8592



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.



161.9930, 7.3985, 7.0221



206.1660, 11.7502, 11.2554



163.6300, 4.6194, 11.7255



82.8200, 3.0467, 2.7889



48.5380, 51.4998, 48.6402



8.0470, 8.8508, 7.8518



# Inverse Universe

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



162.3760, -0.1854, 12.8252



206.7190, -0.3545, 20.4174



168.3700, -4.6194, -11.7255



83.0330, -0.0163, 5.2331



51.3330, -1.1502, 89.1620



8.6860, -0.3382, 15.1844



# Previews

## White Background



This preview shows how the YUV color 161.9930, 7.3985, 7.0221 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

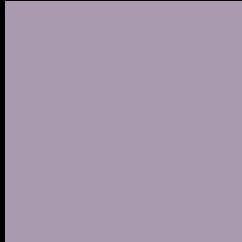
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 161.9930, 7.3985, 7.0221 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

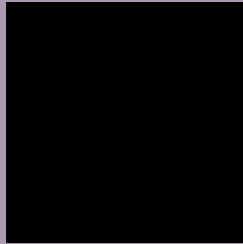
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 161.9930, 7.3985, 7.0221

## Background



This preview shows how black text looks on a background with the YUV color 161.9930, 7.3985, 7.0221.



This preview shows how white text looks on a background with the YUV color 161.9930, 7.3985,



# 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

161.9930, 7.3985, 7.0221

### Protanopia

160.6820, 9.0308, -3.2291

### Deuteranopia

161.9820, 7.4039, 5.2778



## Tritanopia

161.3690, 3.7621, 6.6924

# Trichromacy



## Original Color

161.9930, 7.3985, 7.0221

## Protanomaly

161.4760, 8.1463, 0.4595

## Deuteranomaly

162.2810, 7.2565, 5.8926

## Tritanomaly

161.7110, 5.0725, 6.3925

# Monochromacy



## Original Color

161.9930, 7.3985, 7.0221

## Achromatopsia

162.0000, 0.0000, 0.0000

## Achromatomaly

161.7060, 2.6099, 2.8888

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 161.9930, 7.3985, 7.0221 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(170, 155, 177)` looks like.

```
.text, #text, p{  
    color:rgb(170, 155, 177)  
}
```

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(170, 155, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 155, 177) }
```

## Border

The CSS property to change the border of an element to YUV 161.9930, 7.3985, 7.0221 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(170, 155, 177) }
```



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

```
.border{ border-color:rgb(170, 155, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 155, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 155, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 155, 177);  
box-shadow:4px 4px 4px 4px rgb(170, 155,  
177) }
```

# Background

The CSS property to change the background color of an element to YUV 161.9930, 7.3985, 7.0221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 155, 177) }
```

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

```
.background{ background-color: rgb(170,  
155, 177) }
```

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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