

# Converting Colors

YUV(170.7750, -5.3121,  
23.8763)

Have a look what the booklet for  
YUV(170.7750, -5.3121, 23.8763)  
contains.

<b>YUV(170.7750, -5.3121, 23.8763)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(170.7750, -5.3121,  
23.8763)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C69FA0
RGB	198, 159, 160
RGB Percent	78%, 62%, 63%
CMY	0.2235, 0.3765, 0.3725
CMYK	0.00, 0.20, 0.19, 0.22
HSL	358°, 25%, 70%
HSV	358°, 20%, 78%
XYZ	42.0320, 39.3401, 38.6358
YIQ	170.7750, 22.9230, 8.5790

# Conversions

## Conversions Part 2

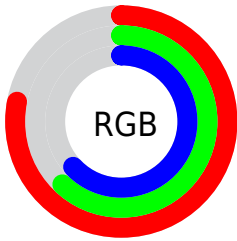
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 159, 160
Decimal	13016992
CIELab	69.00, 14.57, 4.95
CIELCh	69, 15.388, 18.780
Yxy	39.3401, 0.3502, 0.3278
Android (android.graphics.Color)	4291207072 (0xFFC69FA0)
YUV	170.7750, -5.3121, 23.8763
Hunter-Lab	62.7217, 9.8561, 7.3833

# Details

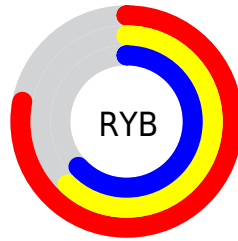
The YUV color  $170.7750, -5.3121, 23.8763$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $186.2250, 5.3121, -23.8763$ , and the grayscale version is  $171.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $226.3730, -5.6069, 25.1059$ , and  $118.2910, -4.5805, 22.5468$  is the 20% darker color. If you saturate the color by 10%, you get  $156.8690, -7.8234, 36.0719$ , and if you desaturate by 10%, it is  $184.6810, -2.8007, 11.6808$ .

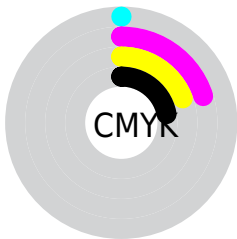
# Distribution



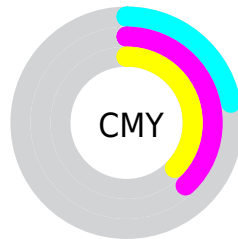
- Red (78%)
- Green (62%)
- Blue (63%)



- Red (78%)
- Yellow (62%)
- Blue (63%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (22%)



- Cyan (22%)
- Magenta (38%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 170.7750, -5.3121, 23.8763 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 170.7750, -5.3121, 23.8763 by changing the saturation by 10% instead.




 170.7750, -5.3121,  
23.8763


 170.7750, -5.3121,  
23.8763

255.0000, 0.0000,  
0.0000


 144.1770, -5.0173,  
22.6468


 226.3730, -5.6069,  
25.1059


 118.2910, -4.5805,  
22.5468

 246.0010, -1.4795,  
7.8921

 93.2800, -4.5750,  
20.8024

 69.6820, -4.2802,  
19.5729

 47.1980, -3.5486,  
18.2434

 25.6000, -3.2538,  
17.0138

 6.5780, -3.2430,

13.5251

■ 0.0000, 0.0000,  
0.0000

■ 170.7750, -5.3121,  
23.8763

■ 170.7750, -5.3121,  
23.8763

■ 156.8690, -7.8234,  
36.0719

■ 184.6810, -2.8007,  
11.6808

■ 142.8490,  
-10.7716, 48.3674

■ 198.7010, 0.1474,  
-0.6148

■ 129.5300,  
-13.5723, 60.0482

■ 212.0200, 2.9481,  
-12.2955

■ 115.6240,  
-16.0836, 72.2438

■ 225.9260, 5.4595,  
-24.4911

■ 101.7180,  
-18.5950, 84.4393

■ 237.9570, 8.4022,  
-35.0423

■ 87.6980, -21.5431,  
96.7349

■ 73.7920, -24.0545,  
108.9304

■ 60.4730, -26.8552,  
120.6112

■ 59.7720, -27.0026,  
121.2260

# Harmonies

## Analogous

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



170.8760, 1.5401, 19.4027



170.7750, -5.3121, 23.8763



169.6840, -10.6902, 22.2021

# Triad

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



170.7750, -5.3121, 23.8763



165.2840, -7.5350, -9.8961



166.5600, 14.0209, -17.1541

# Complementary

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



170.7750, -5.3121, 23.8763



186.2250, 5.3121, -23.8763

# 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.



164.6360, 12.0115, -25.9908



170.7750, -5.3121, 23.8763



163.6400, -0.8085, -20.7323

# Square

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



170.7750, -5.3121, 23.8763



166.8080, -12.2303, 2.7994



162.9580, 6.9227, -27.1502



169.2950, 12.6726, -4.6437



# Rectangle

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



170.7750, -5.3121, 23.8763



169.0810, -12.8579, 17.4690



162.9580, 6.9227, -27.1502



166.1250, 13.7424, -21.1576

# Sweetspot

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



170.7750, -5.3121, 23.8763



244.4850, -2.2111, 9.2217



174.8080, 11.4337, 19.4624



121.6910, -1.3267, 5.5330



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.



170.7750, -5.3121, 23.8763



212.3530, -8.5550, 37.4014



181.2270, -10.9579, 14.7099



92.6910, -1.3267, 5.5330



49.1930, -22.2801, 99.8087



10.8780, -4.8699, 22.0320



# Inverse Universe

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



170.7750, -5.3121, 23.8763



212.3530, -8.5550, 37.4014



175.7730, 10.9579, -14.7099



92.6910, -1.3267, 5.5330



49.1930, -22.2801, 99.8087

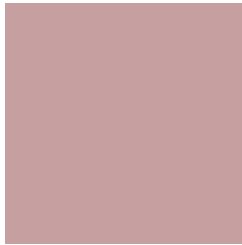


10.8780, -4.8699, 22.0320



# Previews

## White Background



This preview shows how the YUV color 170.7750, -5.3121, 23.8763 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 170.7750, -5.3121, 23.8763 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

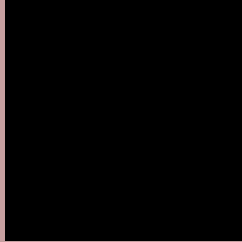
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 170.7750, -5.3121, 23.8763

## Background



This preview shows how black text looks on a background with the YUV color 170.7750, -5.3121, 23.8763.



This preview shows how white text looks on a background with the YUV color 170.7750, -5.3121,

23.8763.

# 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

170.7750, -5.3121, 23.8763

### Protanopia

168.8540, -1.9000, 2.7590

### Deuteranopia

170.0190, -5.4324, 15.7693



## Tritanopia

171.0400, -0.5127, 24.5209

# Trichromacy



## Original Color

170.7750, -5.3121, 23.8763

## Protanomaly

169.5560, -3.2321, 10.0364

## Deuteranomaly

170.6280, -5.7326, 18.7432

## Tritanomaly

171.1710, -2.5493, 24.4060

# Monochromacy



## Original Color

170.7750, -5.3121, 23.8763

## Achromatopsia

171.0000, 0.0000, 0.0000

## Achromatomaly

171.1860, -2.0637, 8.6069

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 170.7750, -5.3121, 23.8763 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(198, 159, 160)` looks like.

```
.text, #text, p{  
    color:rgb(198, 159, 160)  
}
```

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(198, 159, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 159, 160) }
```

## Border

The CSS property to change the border of an element to YUV 170.7750, -5.3121, 23.8763 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(198, 159, 160) }
```



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

```
.border{ border-color:rgb(198, 159, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 159, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 159, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 159, 160);  
box-shadow:4px 4px 4px 4px rgb(198, 159,  
160) }
```

# Background

The CSS property to change the background color of an element to YUV 170.7750, -5.3121, 23.8763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 159, 160) }
```

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

```
.background{ background-color: rgb(198,  
159, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor