

# Converting Colors

YUV(173.7700, -7.7746,  
20.3727)

Have a look what the booklet for  
YUV(173.7700, -7.7746, 20.3727)  
contains.

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# Color

**YUV(173.7700, -7.7746,  
20.3727)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5A59E
RGB	197, 165, 158
RGB Percent	77%, 65%, 62%
CMY	0.2275, 0.3529, 0.3804
CMYK	0.00, 0.16, 0.20, 0.23
HSL	11°, 25%, 70%
HSV	11°, 20%, 77%
XYZ	42.6526, 41.2492, 38.0616
YIQ	173.7700, 21.3190, 4.6070

# Conversions

## Conversions Part 2

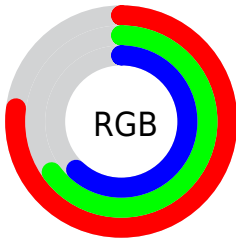
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 167, 158
Decimal	12952990
CIELab	70.35, 10.60, 7.99
CIElCh	70, 13.277, 37.011
Yxy	41.2492, 0.3497, 0.3382
Android (android.graphics.Color)	4291143070 (0xFFC5A59E)
YUV	173.7700, -7.7746, 20.3727
Hunter-Lab	64.2255, 6.1484, 9.8212

# Details

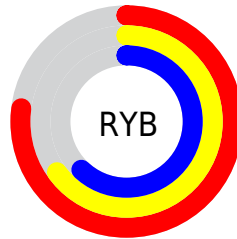
The YUV color  $173.7700, -7.7746, 20.3727$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $181.2300, 7.7746, -20.3727$ , and the grayscale version is  $174.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $229.3680, -8.0694, 21.6023$ , and  $121.2860, -7.0430, 19.0432$  is the 20% darker color. If you saturate the color by 10%, you get  $162.0980, -11.8803, 30.6091$ , and if you desaturate by 10%, it is  $185.4420, -3.6689, 10.1364$ .

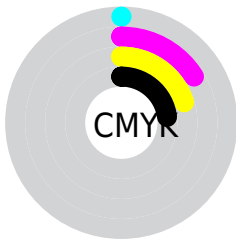
# Distribution



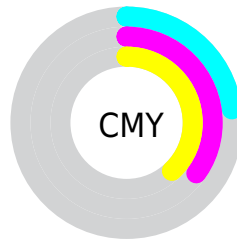
- Red (77%)
- Green (65%)
- Blue (62%)



- Red (77%)
- Yellow (65%)
- Blue (62%)



- Cyan (0%)
- Magenta (16%)
- Yellow (20%)
- Black (23%)




- Cyan (23%)
- Magenta (35%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 173.7700, -7.7746, 20.3727 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 173.7700, -7.7746, 20.3727 by changing the saturation by 10% instead.



 173.7700, -7.7746,  
20.3727

 173.7700, -7.7746,  
20.3727


255.0000, 0.0000,  
0.0000


 147.1720, -7.4798,  
19.1432


 229.3680, -8.0694,  
21.6023


 121.2860, -7.0430,  
19.0432

 249.8820, -4.3788,  
4.4885

 96.6880, -6.7482,  
17.8136

 72.3890, -6.6008,  
17.1988

 49.6060, -5.7218,  
15.2545

 28.3070, -5.5744,  
14.6398

 7.1760, -3.5378,

14.7546

■ 0.0000, 0.0000,  
0.0000

■ 173.7700, -7.7746,  
20.3727

■ 173.7700, -7.7746,  
20.3727

■ 162.0980,  
-11.8803, 30.6091

■ 185.4420, -3.6689,  
10.1364

■ 150.5400,  
-15.5492, 40.7454

■ 197.0000, 0.0000,  
0.0000

■ 138.8680,  
-19.6549, 50.9818

■ 208.6720, 4.1057,  
-10.2363

■ 126.6090,  
-23.4712, 61.7329

■ 220.9310, 7.9220,  
-20.9875

■ 115.0510,  
-27.1401, 71.8693

■ 232.3750, 11.1541,  
-31.0239

■ 103.3790,  
-31.2458, 82.1056

■ 237.6580, 8.5496,  
-35.6571

■ 91.7070, -35.3516,  
92.3420

■ 80.0350, -39.4573,  
102.5783

■ 79.4480, -39.1679,  
103.0931

# Harmonies

## Analogous

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



174.5510, -2.2436, 19.6878



173.7700, -7.7746, 20.3727



172.5260, -11.1053, 15.3247

# Triad

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



173.7700, -7.7746, 20.3727



168.4020, -3.1562, -14.3846



172.0450, 11.8098, -7.9325

# Complementary

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



173.7700, -7.7746, 20.3727



181.2300, 7.7746, -20.3727

# 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.



169.9790, 11.8424, -18.3986



173.7700, -7.7746, 20.3727



167.6660, 3.1227, -21.6321

# Square

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



173.7700, -7.7746, 20.3727



170.0890, -8.4249, -4.4631



168.1480, 8.8010, -22.9318



173.6120, 8.5723, 3.8483



# Rectangle

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



173.7700, -7.7746, 20.3727



171.9660, -11.8152, 9.6768



168.1480, 8.8010, -22.9318



171.1370, 12.2575, -11.5211

# Sweetspot

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



173.7700, -7.7746, 20.3727



245.6590, -2.7899, 8.1921



173.4230, 8.6655, 20.6770



122.2780, -1.6161, 5.0182



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.



173.7700, -7.7746, 20.3727



218.6960, -12.1751, 31.8386



184.9230, -13.2730, 10.5915



93.2780, -1.6161, 5.0182



65.7600, -32.4197, 85.2795



14.2860, -7.0430, 19.0432

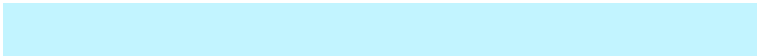


# Inverse Universe

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



181.2300, 7.7746, -20.3727



230.3040, 12.1751, -31.8386



170.0770, 13.2730, -10.5915



95.7220, 1.6161, -5.0182



97.2400, 32.4197, -85.2795



21.1270, 7.3324, -18.5284



# Previews

## White Background



This preview shows how the YUV color 173.7700, -7.7746, 20.3727 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

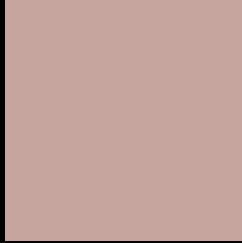
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 173.7700, -7.7746, 20.3727 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

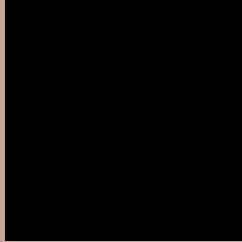
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 173.7700, -7.7746, 20.3727

## Background



This preview shows how black text looks on a background with the YUV color 173.7700, -7.7746, 20.3727.



This preview shows how white text looks on a background with the YUV color 173.7700, -7.7746,



# 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

173.7700, -7.7746, 20.3727

### Protanopia

172.6540, -5.2524, 4.6884

### Deuteranopia

173.4600, -7.6218, 18.0136



## Tritanopia

174.5450, 0.2243, 21.4470

# Trichromacy



## Original Color

173.7700, -7.7746, 20.3727

## Protanomaly

172.8720, -5.8529, 10.6363

## Deuteranomaly

173.7590, -7.7692, 18.6284

## Tritanomaly

174.1490, -2.5385, 20.9173

# Monochromacy



## Original Color

173.7700, -7.7746, 20.3727

## Achromatopsia

174.0000, 0.0000, 0.0000

## Achromatomaly

173.9470, -2.9319, 7.0625

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 173.7700, -7.7746, 20.3727 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(197, 165, 158)` looks like.

```
.text, #text, p{  
    color:rgb(197, 165, 158)  
}
```

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(197, 165, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 165, 158) }
```

## Border

The CSS property to change the border of an element to YUV 173.7700, -7.7746, 20.3727 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(197, 165, 158) }
```



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

```
.border{ border-color:rgb(197, 165, 158) }
```

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

Here you see how a box with a 4 pixel rgb(197, 165, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 165, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 165, 158);  
box-shadow:4px 4px 4px 4px rgb(197, 165,  
158) }
```

# Background

The CSS property to change the background color of an element to YUV 173.7700, -7.7746, 20.3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 165, 158) }
```

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

```
.background{ background-color: rgb(197,  
165, 158) }
```

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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