

# Converting Colors

YUV(159.1950, 7.7919, 20.8770)

Have a look what the booklet for  
YUV(159.1950, 7.7919, 20.8770)  
contains.

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# Color

**YUV(159.1950, 7.7919,  
20.8770)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B790AF
RGB	183, 144, 175
RGB Percent	72%, 56%, 69%
CMY	0.2824, 0.4353, 0.3137
CMYK	0.00, 0.21, 0.04, 0.28
HSL	312°, 21%, 64%
HSV	312°, 21%, 72%
XYZ	37.2396, 33.1089, 44.9854
YIQ	159.1950, 13.2930, 17.9090

# Conversions

## Conversions Part 2

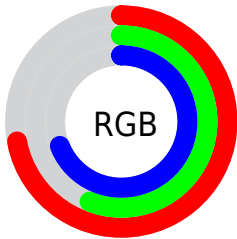
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 144, 175
Decimal	12030127
CIELab	64.25, 19.97, -10.60
CIElCh	64, 22.606, 332.041
Yxy	33.1089, 0.3229, 0.2871
Android (android.graphics.Color)	4290220207 (0xFFB790AF)
YUV	159.1950, 7.7919, 20.8770
Hunter-Lab	57.5404, 14.8278, -6.0750

# Details

The YUV color **159.1950, 7.7919, 20.8770** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **167.8050, -7.7919, -20.8770**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.0210, 8.3706, 21.9066**, and **107.4830, 7.6499, 19.7474** is the 20% darker color. If you saturate the color by 10%, you get **148.1730, 11.2537, 30.5433**, and if you desaturate by 10%, it is **170.2170, 4.3300, 11.2107**.

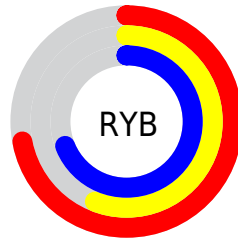
# Distribution



Red (72%)

Green (56%)

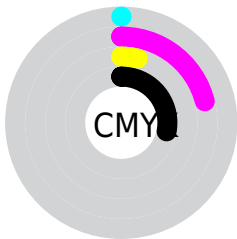
Blue (69%)



Red (72%)

Yellow (56%)

Blue (69%)

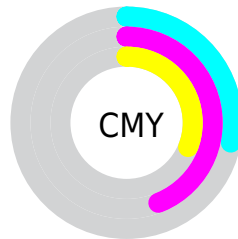


Cyan (0%)

Magenta (21%)

Yellow (4%)

Black (28%)



Cyan (28%)

Magenta (44%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 159.1950, 7.7919, 20.8770 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 159.1950, 7.7919, 20.8770 by changing the saturation by 10% instead.



■ 159.1950, 7.7919,  
20.8770

■ 159.1950, 7.7919,  
20.8770

■ 255.0000, 0.0000,  
0.0000

■ 132.7820, 7.5025,  
20.3622

■ 214.0210, 8.3706,  
21.9066

■ 107.4830, 7.6499,  
19.7474

■ 237.9770, 8.3923,  
14.9292

■ 82.7710, 7.5079,  
18.6178

■ 59.9450, 6.9291,  
17.5882

■ 37.2330, 6.7871,  
16.4587

■ 14.4720, 7.6553,  
18.0031

■ 0.2280, 0.8736,

-0.2000

0.0000, 0.0000,  
0.0000

159.1950, 7.7919,  
20.8770

159.1950, 7.7919,  
20.8770

148.1730, 11.2537,  
30.5433

170.2170, 4.3300,  
11.2107

136.5640, 15.0049,  
40.7244

181.8260, 0.5788,  
1.0296

125.6560, 18.9036,  
50.2907

192.7340, -3.3199,  
-8.5367

114.6340, 22.3654,  
59.9570

203.7560, -6.7817,  
-18.2030

103.6120, 25.8273,  
69.6233

215.3650,  
-10.5329, -28.3841

■ 92.0030, 29.5785,  
79.8044

■ 226.3870,  
-13.9948, -38.0504

■ 81.0950, 33.4772,  
89.3707

■ 227.3160,  
-12.9738, -38.8651

■ 71.2470, 36.3602,  
98.0074

■ 227.7720,  
-11.2266, -39.2650

■ 228.2280, -9.4794,  
-39.6650

# Harmonies

## Analogous

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



157.8490, 15.8504, 2.7634



159.1950, 7.7919, 20.8770



158.7420, -1.8448, 31.7983

# Triad

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



159.1950, 7.7919, 20.8770



154.7400, -19.0988, 12.5060



146.5090, 14.5391, -43.4194

# Complementary

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



159.1950, 7.7919, 20.8770



167.8050, -7.7919, -20.8770

# 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.



147.2080, 4.3345, -37.0164



159.1950, 7.7919, 20.8770



152.2540, -15.4082, -4.6078

# Square

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



159.1950, 7.7919, 20.8770



156.5830, -17.5424, 26.6757



149.4350, -6.6235, -22.3065



149.7470, 20.3377, -36.6121



# Rectangle

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



159.1950, 7.7919, 20.8770



158.4450, -8.1074, 33.8127



149.4350, -6.6235, -22.3065



146.7110, 11.4815, -42.7195

# Sweetspot

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



159.1950, 7.7919, 20.8770



228.4400, 2.7411, 7.5071



150.8380, 15.8559, 1.0191



114.4890, 1.7309, 4.8331



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



159.1950, 7.7919, 20.8770



199.2380, 12.7007, 33.1173



157.0290, -0.5073, 22.7766



86.4890, 1.7309, 4.8331



60.7800, 31.1675, 83.5079



10.8800, 5.4822, 15.0142



# Inverse Universe

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



159.1950, 7.7919, 20.8770



199.2380, 12.7007, 33.1173



169.9710, 0.5073, -22.7766



86.4890, 1.7309, 4.8331



60.7800, 31.1675, 83.5079

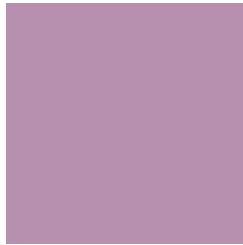


10.8800, 5.4822, 15.0142



# Previews

## White Background



This preview shows how the YUV color 159.1950, 7.7919, 20.8770 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

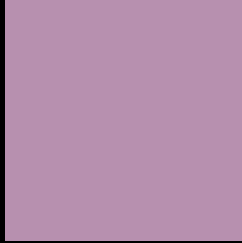
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 159.1950, 7.7919, 20.8770 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

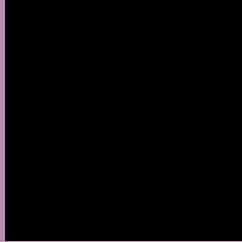
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 159.1950, 7.7919, 20.8770

## Background



This preview shows how black text looks on a background with the YUV color 159.1950, 7.7919, 20.8770.



This preview shows how white text looks on a background with the YUV color 159.1950, 7.7919, 20.8770.



# 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

159.1950, 7.7919, 20.8770

### Protanopia

156.8820, 12.3832, -5.1585

### Deuteranopia

157.7970, 7.9881, 4.5630



## Tritanopia

158.4200, -0.2071, 19.8027

# Trichromacy



## Original Color

159.1950, 7.7919, 20.8770

## Protanomaly

157.7800, 10.4615, 4.5779

## Deuteranomaly

158.1290, 7.8244, 10.4109

## Tritanomaly

158.8160, 2.5557, 20.3324

# Monochromacy



## Original Color

159.1950, 7.7919, 20.8770

## Achromatopsia

159.0000, 0.0000, 0.0000

## Achromatomaly

159.4400, 2.7411, 7.5071

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 159.1950, 7.7919, 20.8770 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(183, 144, 175)` looks like.

```
.text, #text, p{  
    color:rgb(183, 144, 175)  
}
```

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(183, 144, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 144, 175) }
```

## Border

The CSS property to change the border of an element to YUV 159.1950, 7.7919, 20.8770 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(183, 144, 175) }
```



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

```
.border{ border-color:rgb(183, 144, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 144, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 144, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 144, 175);  
box-shadow:4px 4px 4px 4px rgb(183, 144,  
175) }
```

# Background

The CSS property to change the background color of an element to YUV 159.1950, 7.7919, 20.8770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 144, 175) }
```

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

```
.background{ background-color: rgb(183,  
144, 175) }
```

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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