

# Converting Colors

YUV(179.6020, 7.0982, 9.9960)

Have a look what the booklet for  
YUV(179.6020, 7.0982, 9.9960)  
contains.

<b>YUV(179.6020, 7.0982, 9.9960)</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(179.6020, 7.0982,  
9.9960)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BFABC2
RGB	191, 171, 194
RGB Percent	75%, 67%, 76%
CMY	0.2510, 0.3294, 0.2392
CMYK	0.02, 0.12, 0.00, 0.24
HSL	292°, 16%, 72%
HSV	292°, 12%, 76%
XYZ	45.7864, 44.0972, 57.1374
YIQ	179.6020, 4.5370, 11.3930

# Conversions

## Conversions Part 2

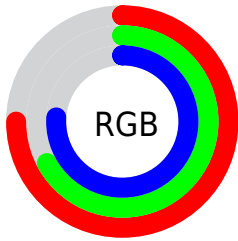
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	191, 171, 194
Decimal	12561346
CIE Lab	72.29, 11.38, -9.09
CIE LCh	72, 14.563, 321.388
Yxy	44.0972, 0.3114, 0.2999
Android (android.graphics.Color)	4290751426 (0xFFBFABC2)
YUV	179.6020, 7.0982, 9.9960
Hunter-Lab	66.4057, 6.8647, -4.5307

# Details

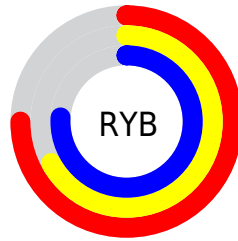
The YUV color **179.6020, 7.0982, 9.9960** is a light color, and the websafe version is hex **999999**. A complement of this color would be **185.3980, -7.0982, -9.9960**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.0150, 7.3876, 10.5108**, and **126.7760, 6.5194, 8.9664** is the 20% darker color. If you saturate the color by 10%, you get **167.5520, 13.0389, 17.9329**, and if you desaturate by 10%, it is **191.6520, 1.1576, 2.0592**.

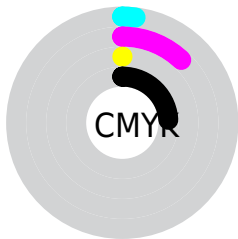
# Distribution



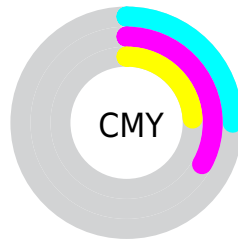
- Red (75%)
- Green (67%)
- Blue (76%)



- Red (75%)
- Yellow (67%)
- Blue (76%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (24%)



- Cyan (25%)
- Magenta (33%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 179.6020, 7.0982, 9.9960 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 179.6020, 7.0982, 9.9960 by changing the saturation by 10% instead.



■ 179.6020, 7.0982,  
9.9960

■ 179.6020, 7.0982,  
9.9960

255.0000, 0.0000,  
0.0000

■ 152.6020, 7.0982,  
9.9960

■ 235.0150, 7.3876,  
10.5108

■ 126.7760, 6.5194,  
8.9664

■ 101.7760, 6.5194,  
8.9664

■ 77.3630, 6.2300,  
8.4516

■ 54.9500, 5.9407,  
7.9369

■ 33.5370, 5.6513,  
7.4221

■ 9.6130, 7.0928,

11.7404

0.0000, 0.0000,  
0.0000

179.6020, 7.0982,  
9.9960

179.6020, 7.0982,  
9.9960

167.5520, 13.0389,  
17.9329

191.6520, 1.1576,  
2.0592

155.2140, 19.1215,  
26.9993

203.9900, -4.9251,  
-7.0072

143.1640, 25.0621,  
34.9362

216.0400,  
-10.8657, -14.9441

130.8260, 31.1448,  
44.0026

228.3780,  
-16.9484, -24.0105

118.7760, 37.0854,  
51.9394

232.7970,  
-19.1269, -25.2550

107.0250, 42.8787,  
60.4911

233.3950,  
-19.4217, -24.0254

94.3880, 49.1087,  
68.9427

234.2920,  
-19.8640, -22.1811

82.6370, 54.9020,  
77.4944

234.8900,  
-20.1588, -20.9515

72.6470, 59.8270,  
84.5016

235.7870,  
-20.6010, -19.1072

# Harmonies

## Analogous

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



178.0780, 11.7935, -2.6994



179.6020, 7.0982, 9.9960



179.7620, 1.1033, 19.5027

# Triad

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



179.6020, 7.0982, 9.9960



177.3470, -12.9891, 12.8507



172.5560, 6.6279, -25.9206

# Complementary

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



179.6020, 7.0982, 9.9960



185.3980, -7.0982, -9.9960

# 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.



172.8680, 0.0651, -20.9322



179.6020, 7.0982, 9.9960



175.6230, -11.6461, 2.0846

# Square

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



179.6020, 7.0982, 9.9960



178.6730, -10.6848, 20.4578



174.0990, -6.9508, -10.6108



173.6470, 12.0060, -24.2464



# Rectangle

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



179.6020, 7.0982, 9.9960



179.6330, -3.2701, 22.2469



174.0990, -6.9508, -10.6108



172.3990, 4.7333, -24.9059

# Sweetspot

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



179.6020, 7.0982, 9.9960



245.8310, 3.0413, 4.5332



175.3830, 9.1782, -3.8439



123.5920, 2.1731, 2.9888



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.



179.6020, 7.0982, 9.9960



230.2590, 10.7183, 15.5589



179.5870, 3.1616, 12.6402



90.8310, 3.0413, 4.5332



60.2140, 49.6875, 69.9723



12.4330, 10.1395, 14.5293



# Inverse Universe

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



178.2190, -2.0800, 13.8399



228.0350, -2.9753, 21.0173



185.4130, -3.1616, -12.6402



90.1040, -1.0373, 6.0478



50.5330, -14.5598, 96.8796

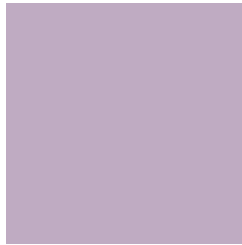


10.3230, -3.1172, 19.8877



# Previews

## White Background



This preview shows how the YUV color 179.6020, 7.0982, 9.9960 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

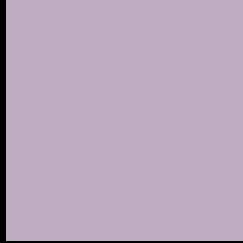
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 179.6020, 7.0982, 9.9960 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

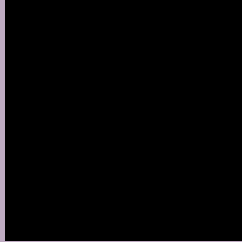
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 179.6020, 7.0982, 9.9960

## Background



This preview shows how black text looks on a background with the YUV color 179.6020, 7.0982, 9.9960.



This preview shows how white text looks on a background with the YUV color 179.6020, 7.0982,

9.9960.

# 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

179.6020, 7.0982, 9.9960

### Protanopia

178.0950, 9.3202, -2.7143

### Deuteranopia

178.9930, 7.3985, 7.0221



## Tritanopia

178.9780, 3.4618, 9.6663

# Trichromacy



## Original Color

179.6020, 7.0982, 9.9960

## Protanomaly

178.6010, 8.5777, 2.1039

## Deuteranomaly

179.2920, 7.2510, 7.6369

## Tritanomaly

179.3200, 4.7722, 9.3664

# Monochromacy



## Original Color

179.6020, 7.0982, 9.9960

## Achromatopsia

180.0000, 0.0000, 0.0000

## Achromatomaly

180.0050, 2.4625, 3.5036

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 179.6020, 7.0982, 9.9960 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(191, 171, 194)` looks like.

```
.text, #text, p{  
    color:rgb(191, 171, 194)  
}
```

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(191, 171, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 171, 194) }
```

## Border

The CSS property to change the border of an element to YUV 179.6020, 7.0982, 9.9960 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(191, 171, 194) }
```



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

```
.border{ border-color:rgb(191, 171, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 171, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 171, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 171, 194);  
box-shadow:4px 4px 4px 4px rgb(191, 171,  
194) }
```

# Background

The CSS property to change the background color of an element to YUV 179.6020, 7.0982, 9.9960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 171, 194) }
```

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

```
.background{ background-color: rgb(191,  
171, 194) }
```

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