

# Converting Colors

YUV(196.8240, 10.4398,  
11.5554)

Have a look what the booklet for  
YUV(196.8240, 10.4398, 11.5554)  
contains.

<b>YUV(196.8240, 10.4398, 11.5554)</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(196.8240, 10.4398,  
11.5554)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D2BADA
RGB	210, 186, 218
RGB Percent	82%, 73%, 85%
CMY	0.1765, 0.2706, 0.1451
CMYK	0.04, 0.15, 0.00, 0.15
HSL	285°, 30%, 79%
HSV	285°, 15%, 85%
XYZ	56.7921, 53.8814, 73.7365
YIQ	196.8240, 4.0320, 15.0400

# Conversions

## Conversions Part 2

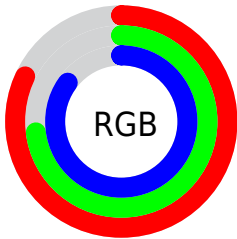
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	210, 186, 218
Decimal	13810394
CIE Lab	78.39, 14.27, -12.89
CIE LCh	78, 19.227, 317.915
Yxy	53.8814, 0.3080, 0.2922
Android (android.graphics.Color)	4292000474 (0xFFD2BADA)
YUV	196.8240, 10.4398, 11.5554
Hunter-Lab	73.4040, 9.6473, -8.1759

# Details

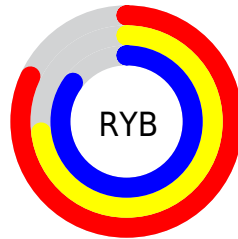
The YUV color **196.8240, 10.4398, 11.5554** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **207.1760, -10.4398, -11.5554**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.3690, 3.7621, 6.6924**, and **142.9980, 9.8610, 10.5258** is the 20% darker color. If you saturate the color by 10%, you get **182.4150, 17.5434, 19.8070**, and if you desaturate by 10%, it is **211.2330, 3.3361, 3.3037**.

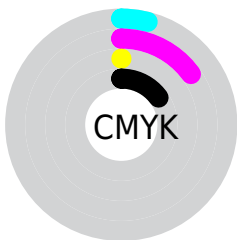
# Distribution



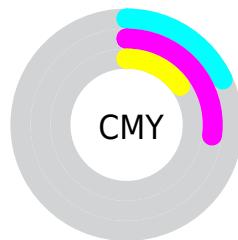
- Red (82%)
- Green (73%)
- Blue (85%)



- Red (82%)
- Yellow (73%)
- Blue (85%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (15%)




- Cyan (18%)
- Magenta (27%)
- Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 196.8240, 10.4398, 11.5554 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 196.8240, 10.4398, 11.5554 by changing the saturation by 10% instead.



 196.8240, 10.4398,  
11.5554

 196.8240, 10.4398,  
11.5554


255.0000, 0.0000,  
0.0000


 169.4110, 10.1504,  
11.0406


 247.3690, 3.7621,  
6.6924

 142.9980, 9.8610,  
10.5258

 117.5850, 9.5716,  
10.0110

 92.4710, 9.1348,  
10.1109

 69.0580, 8.8454,  
9.5961

 46.3460, 8.7034,  
8.4666

 25.8190, 7.9772,

8.0517

■ 4.7860, 7.9935,  
2.8187

■ 0.0000, 0.0000,  
0.0000

■ 196.8240, 10.4398,  
11.5554

■ 196.8240, 10.4398,  
11.5554

■ 182.4150, 17.5434,  
19.8070

■ 211.2330, 3.3361,  
3.3037

■ 167.7070, 24.7944,  
27.4440

■ 225.9410, -3.9149,  
-4.3333

■ 153.8850, 31.6087,  
35.1809

■ 239.7630,  
-10.7292, -12.0702

■ 139.1770, 38.8597,  
42.8178

■ 243.9050,  
-12.7712, -10.4407

■ 124.7680, 45.9634,  
51.0695

■ 245.4000,  
-13.5082, -7.3668

■ 110.0600, 53.2144,  
58.7064

■ 247.1940,  
-14.3926, -3.6781

■ 95.6510, 60.3181,  
66.9581

■ 248.6890,  
-15.1297, -0.6043

■ 81.5300, 67.2797,  
74.0802

■ 250.4830,  
-16.0141, 3.0844

■ 73.5890, 71.1946,  
78.4134

■ 250.7820,  
-16.1615, 3.6992

# Harmonies

## Analogous

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



194.9080, 16.3144, -6.0583



196.8240, 10.4398, 11.5554



197.4360, 2.2501, 25.0506

# Triad

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



196.8240, 10.4398, 11.5554



193.9410, -17.2259, 18.4687



186.9570, 8.4022, -35.0423

# Complementary

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



196.8240, 10.4398, 11.5554



207.1760, -10.4398, -11.5554

# 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.



188.1940, -1.0816, -26.4801



196.8240, 10.4398, 11.5554



192.1950, -15.8721, 4.2140

# Square

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



196.8240, 10.4398, 11.5554



195.6200, -13.6167, 27.5203



189.9910, -9.8556, -12.2701



188.2050, 15.6749, -34.3828



# Rectangle

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



196.8240, 10.4398, 11.5554



196.9760, -3.4392, 29.8390



189.9910, -9.8556, -12.2701



186.8710, 5.4866, -33.2129

# Sweetspot

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



196.8240, 10.4398, 11.5554



248.2330, 3.3361, 3.3037



194.3440, 11.6624, -7.3177



123.2930, 2.3206, 2.3740



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.



196.8240, 10.4398, 11.5554



224.7090, 14.9335, 16.9182



198.3040, 5.7661, 17.2734



102.6460, 3.6255, 3.8185



58.5920, 56.4031, 62.6248



15.4100, 15.0809, 16.3034



# Inverse Universe

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



196.4800, -1.2226, 18.8730



224.1220, -1.5391, 27.0800



205.6960, -5.7661, -17.2734



102.5170, -0.7479, 6.5626



56.6290, -6.7191, 102.0574

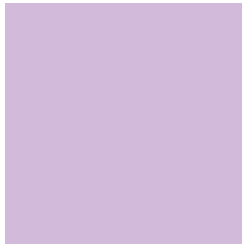


15.0080, -1.9759, 27.1800



# Previews

## White Background



This preview shows how the YUV color 196.8240, 10.4398, 11.5554 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

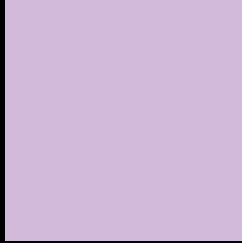
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 196.8240, 10.4398, 11.5554 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 196.8240, 10.4398, 11.5554

## Background



This preview shows how black text looks on a background with the YUV color 196.8240, 10.4398, 11.5554.



This preview shows how white text looks on a background with the YUV color 196.8240, 10.4398,



# 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

196.8240, 10.4398, 11.5554

### Protanopia

195.1100, 13.2568, -5.3585

### Deuteranopia

196.0790, 10.3141, 5.1927



## Tritanopia

196.2770, 3.3144, 10.2811

# Trichromacy



## Original Color

196.8240, 10.4398, 11.5554

## Protanomaly

195.6270, 12.5089, 1.2041

## Deuteranomaly

196.3890, 10.1612, 7.5518

## Tritanomaly

196.5590, 5.6404, 10.9108

# Monochromacy



## Original Color

196.8240, 10.4398, 11.5554

## Achromatopsia

197.0000, 0.0000, 0.0000

## Achromatomaly

197.0590, 3.9149, 4.3333

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 196.8240, 10.4398, 11.5554 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(210, 186, 218)` looks like.

```
.text, #text, p{  
    color:rgb(210, 186, 218)  
}
```

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(210, 186, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 186, 218) }
```

## Border

The CSS property to change the border of an element to YUV 196.8240, 10.4398, 11.5554 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(210, 186, 218) }
```



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

```
.border{ border-color:rgb(210, 186, 218) }
```

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

Here you see how a box with a 4 pixel rgb(210, 186, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 186, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 186, 218);  
box-shadow:4px 4px 4px 4px rgb(210, 186,  
218) }
```

# Background

The CSS property to change the background color of an element to YUV 196.8240, 10.4398, 11.5554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 186, 218) }
```

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

```
.background{ background-color: rgb(210,  
186, 218) }
```

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