

# Converting Colors

YUV(199.7140, 13.9450, 7.2668)

Have a look what the booklet for  
YUV(199.7140, 13.9450, 7.2668)  
contains.

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# Color

**YUV(199.7140, 13.9450,  
7.2668)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0BEE4
RGB	208, 190, 228
RGB Percent	82%, 75%, 89%
CMY	0.1843, 0.2549, 0.1059
CMYK	0.09, 0.17, 0.00, 0.11
HSL	268°, 41%, 82%
HSV	268°, 17%, 89%
XYZ	58.4295, 55.8382, 81.0971
YIQ	199.7140, -1.4700, 15.6340

# Conversions

## Conversions Part 2

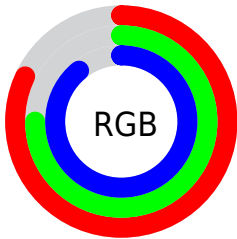
Format	Color
R <sub>YB</sub>	208, 190, 228
Decimal	13680356
CIE <sub>Lab</sub>	79.52, 13.41, -16.60
CIE <sub>LCh</sub>	80, 21.340, 308.936
Yxy	55.8382, 0.2991, 0.2858
Android (android.graphics.Color)	4291870436 (0xFFD0BEE4)
YUV	199.7140, 13.9450, 7.2668
Hunter-Lab	74.7250, 8.8052, -12.0384

# Details

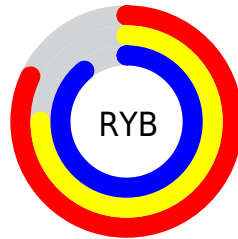
The YUV color **199.7140, 13.9450, 7.2668** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **218.2860, -13.9450, -7.2668**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.7170, 2.6045, 4.6332**, and **145.8880, 13.3662, 6.2372** is the 20% darker color. If you saturate the color by 10%, you get **182.6250, 22.3699, 11.7299**, and if you desaturate by 10%, it is **216.8030, 5.5201, 2.8038**.

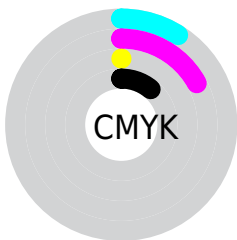
# Distribution



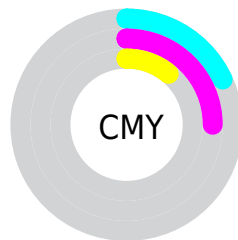
- Red (82%)
- Green (75%)
- Blue (89%)



- Red (82%)
- Yellow (75%)
- Blue (89%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)




- Cyan (18%)
- Magenta (25%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 199.7140, 13.9450, 7.2668 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 199.7140, 13.9450, 7.2668 by changing the saturation by 10% instead.





 199.7140, 13.9450,  
7.2668

 199.7140, 13.9450,  
7.2668


255.0000, 0.0000,  
0.0000


 172.3010, 13.6556,  
6.7520


 249.7170, 2.6045,  
4.6332

 145.8880, 13.3662,  
6.2372

 119.7740, 12.9294,  
6.3372

 95.2470, 12.2032,  
5.9224

 71.1330, 11.7664,  
6.0224

 48.7200, 11.4770,  
5.5076

 27.7800, 10.4615,

4.5779

■ 6.4810, 10.6089,  
3.9632

■ 0.0000, 0.0000,  
0.0000

■ 199.7140, 13.9450,  
7.2668

■ 199.7140, 13.9450,  
7.2668

■ 182.6250, 22.3699,  
11.7299

■ 216.8030, 5.5201,  
2.8038

■ 165.5360, 30.7948,  
16.1929

■ 233.8920, -2.9048,  
-1.6593

■ 149.0340, 38.9302,  
20.1412

■ 248.6330,  
-10.1721, -4.0631

■ 131.9450, 47.3551,  
24.6042

■ 251.9220,  
-11.7935, 2.6994

■ 114.8560, 55.7800,  
29.0673

■ 97.7670, 64.2049,  
33.5303

■ 80.6780, 72.6297,  
37.9934

■ 64.1760, 80.7652,  
41.9416

■ 58.2840, 83.6700,  
43.6009

# Harmonies

## Analogous

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



196.9610, 19.2462, -13.1208



199.7140, 13.9450, 7.2668



200.9350, 5.4550, 23.7360

# Triad

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



199.7140, 13.9450, 7.2668



197.6320, -18.5526, 24.0017



189.3650, 6.2291, -38.0311

# Complementary

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



199.7140, 13.9450, 7.2668



218.2860, -13.9450, -7.2668

# 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.



190.6950, -4.2866, -25.1655



199.7140, 13.9450, 7.2668



195.8320, -18.6512, 8.9173

# Square

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



199.7140, 13.9450, 7.2668



199.1800, -12.9067, 33.1681



193.1010, -13.3608, -7.9816



189.7590, 15.4018, -40.1306



# Rectangle

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



199.7140, 13.9450, 7.2668



200.5570, -1.2606, 31.0835



193.1010, -13.3608, -7.9816



189.2900, 3.3080, -34.4573

# Sweetspot

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



199.7140, 13.9450, 7.2668



245.2760, 4.7939, 2.3889



206.0720, 10.8105, -14.0951



121.8090, 3.0522, 1.0445



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.



199.7140, 13.9450, 7.2668



216.9900, 18.7389, 9.6558



205.3950, 11.1443, 18.9476



106.1620, 4.3571, 2.4889



45.8210, 65.6572, 34.3600



12.9900, 18.7389, 9.6558



# Inverse Universe

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



203.6420, 3.1345, 21.3620



222.3270, 4.2758, 28.6542



212.6050, -11.1443, -18.9476



107.2720, 0.8519, 6.7775



64.2370, 14.6732, 100.6472

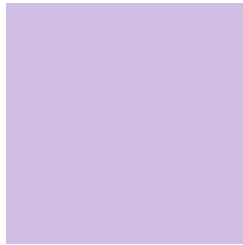


18.3270, 4.2758, 28.6542



# Previews

## White Background



This preview shows how the YUV color 199.7140, 13.9450, 7.2668 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

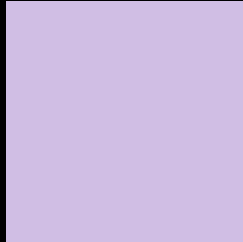
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 199.7140, 13.9450, 7.2668 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

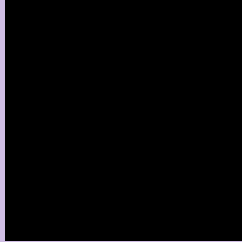
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 199.7140, 13.9450, 7.2668

## Background



This preview shows how black text looks on a background with the YUV color 199.7140, 13.9450, 7.2668.



This preview shows how white text looks on a background with the YUV color 199.7140, 13.9450,

7.2668.

# 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

199.7140, 13.9450, 7.2668

### Protanopia

197.7230, 16.8986, -6.7731

### Deuteranopia

199.0940, 14.2507, 2.5486



## Tritanopia

198.4120, 5.2199, 5.7777

# Trichromacy



## Original Color

199.7140, 13.9450, 7.2668

## Protanomaly

198.5280, 16.0087, -1.3401

## Deuteranomaly

199.1050, 14.2452, 4.2929

## Tritanomaly

198.9220, 8.4195, 6.2074

# Monochromacy



## Original Color

199.7140, 13.9450, 7.2668

## Achromatopsia

200.0000, 0.0000, 0.0000

## Achromatomaly

199.6890, 5.0833, 2.9037

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 199.7140, 13.9450, 7.2668 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(208, 190, 228)` looks like.

```
.text, #text, p{  
    color:rgb(208, 190, 228)  
}
```

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(208, 190, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 190, 228) }
```

## Border

The CSS property to change the border of an element to YUV 199.7140, 13.9450, 7.2668 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(208, 190, 228) }
```



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

```
.border{ border-color:rgb(208, 190, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 190, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 190, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 190, 228);  
box-shadow:4px 4px 4px 4px rgb(208, 190,  
228) }
```

# Background

The CSS property to change the background color of an element to YUV 199.7140, 13.9450, 7.2668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 190, 228) }
```

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

```
.background{ background-color: rgb(208,  
190, 228) }
```

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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