

# Converting Colors

YUV(144.0710, -7.4300,  
49.9267)

Have a look what the booklet for  
YUV(144.0710, -7.4300, 49.9267)  
contains.

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# Color

**YUV(144.0710, -7.4300,  
49.9267)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C97681
RGB	201, 118, 129
RGB Percent	79%, 46%, 51%
CMY	0.2118, 0.5373, 0.4941
CMYK	0.00, 0.41, 0.36, 0.21
HSL	352°, 43%, 63%
HSV	352°, 41%, 79%
XYZ	34.5283, 26.9594, 24.1527
YIQ	144.0710, 45.9370, 21.0170

# Conversions

## Conversions Part 2

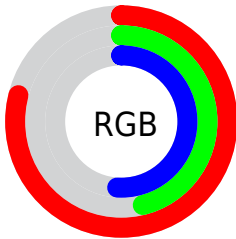
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 118, 129
Decimal	13203073
CIE <sub>Lab</sub>	58.94, 33.76, 8.13
CIE <sub>LCh</sub>	59, 34.728, 13.543
Yxy	26.9594, 0.4032, 0.3148
Android (android.graphics.Color)	4291393153 (0xFFC97681)
YUV	144.0710, -7.4300, 49.9267
Hunter-Lab	51.9224, 27.8379, 8.7658

# Details

The YUV color **144.0710, -7.4300, 49.9267** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **174.9290, 7.4300, -49.9267**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.3700, -7.5774, 50.5415**, and **92.0920, -5.9614, 45.5233** is the 20% darker color. If you saturate the color by 10%, you get **130.3930, -9.0677, 61.9223**, and if you desaturate by 10%, it is **157.7490, -5.7923, 37.9311**.

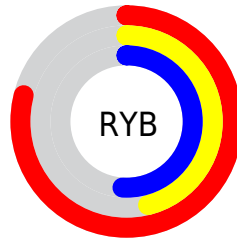
# Distribution



Red (79%)

Green (46%)

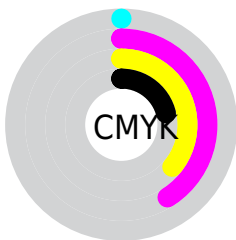
Blue (51%)



Red (79%)

Yellow (46%)

Blue (51%)

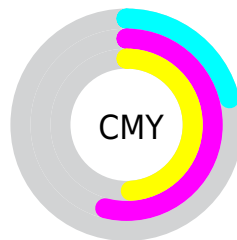


Cyan (0%)

Magenta (41%)

Yellow (36%)

Black (21%)



Cyan (21%)

Magenta (54%)

Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 144.0710, -7.4300, 49.9267 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 144.0710, -7.4300, 49.9267 by changing the saturation by 10% instead.




 144.0710, -7.4300,  
49.9267


 144.0710, -7.4300,  
49.9267


255.0000, 0.0000,  
0.0000

 117.2880, -6.5510,  
47.9824


 197.3700, -7.5774,  
50.5415


 92.0920, -5.9614,  
45.5233


 216.8840, -3.8868,  
33.4277

 66.7220, -4.7929,  
44.0938

 236.6260, 0.6774,  
16.1140

 41.5800, -2.7509,  
42.4643

 20.7320, -3.3189,  
37.9460

 12.6720, -5.7543,  
25.7207

 0.0000, 0.0000,

0.0000

■ 144.0710, -7.4300,  
49.9267

■ 144.0710, -7.4300,  
49.9267

■ 130.3930, -9.0677,  
61.9223

■ 157.7490, -5.7923,  
37.9311

■ 116.6010,  
-11.1423, 74.0179

■ 171.5410, -3.7177,  
25.8355

■ 102.9230,  
-12.7800, 86.0135

■ 185.2190, -2.0800,  
13.8399

■ 89.1310, -14.8546,  
98.1091

■ 199.0110, -0.0054,  
1.7444

■ 75.4530, -16.4923,  
110.1047

■ 213.2760, 1.3429,  
-10.7661

■ 63.1770, -17.8353,  
120.8708

■ 227.0680, 3.4175,  
-22.8616

■ 238.3980, 6.2128,  
-32.7980

■ 238.8540, 7.9600,  
-33.1980

# Harmonies

## Analogous

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



145.4900, 7.1534, 39.0353



144.0710, -7.4300, 49.9267



142.6070, -20.5123, 45.9487

# Triad

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



144.0710, -7.4300, 49.9267



134.3680, -18.4224, -17.8627



129.9860, 34.5169, -57.8697

# Complementary

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



144.0710, -7.4300, 49.9267



174.9290, 7.4300, -49.9267

# 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.



112.4340, 34.7890, -98.6046



144.0710, -7.4300, 49.9267



128.4210, -2.1796, -47.7272

# Square

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



144.0710, -7.4300, 49.9267



138.0140, -28.1079, 8.7577



115.7980, 19.3266, -85.7688



140.9740, 29.5928, -18.3942



# Rectangle

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



144.0710, -7.4300, 49.9267



141.9450, -26.5949, 36.8822



115.7980, 19.3266, -85.7688



124.1260, 35.4339, -72.0245

# Sweetspot

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



144.0710, -7.4300, 49.9267



233.7250, -2.8224, 18.6582



148.9900, 25.6409, 35.9658



115.6100, -1.7797, 10.8660



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.



144.0710, -7.4300, 49.9267



167.7970, -11.7319, 76.4770



160.4270, -20.9165, 35.5825



92.8050, -0.8899, 5.4330



51.2450, -14.4178, 98.0091



11.3340, -3.1227, 21.6321



# Inverse Universe

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



144.0710, -7.4300, 49.9267



167.7970, -11.7319, 76.4770



158.5730, 20.9165, -35.5825



92.8050, -0.8899, 5.4330



51.2450, -14.4178, 98.0091

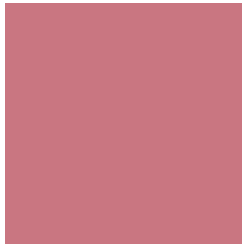


11.3340, -3.1227, 21.6321



# Previews

## White Background



This preview shows how the YUV color 144.0710, -7.4300, 49.9267 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

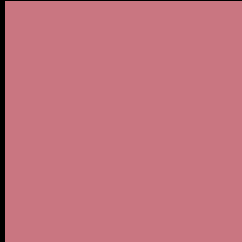
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 144.0710, -7.4300, 49.9267 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

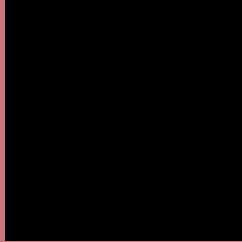
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 144.0710, -7.4300, 49.9267

## Background



This preview shows how black text looks on a background with the YUV color 144.0710, -7.4300, 49.9267.



This preview shows how white text looks on a background with the YUV color 144.0710, -7.4300,



# 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

144.0710, -7.4300, 49.9267

### Protanopia

142.8970, -0.4422, 1.8443

### Deuteranopia

143.2210, -8.4900, 16.4692



## Tritanopia

143.8430, -8.3036, 50.1267

# Trichromacy



## Original Color

144.0710, -7.4300, 49.9267

## Protanomaly

143.0240, -2.9698, 19.2730

## Deuteranomaly

143.4120, -8.0911, 28.5797

## Tritanomaly

143.9570, -7.8668, 50.0267

# Monochromacy



## Original Color

144.0710, -7.4300, 49.9267

## Achromatopsia

144.0000, 0.0000, 0.0000

## Achromatomaly

144.4260, -2.6750, 18.0434

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 144.0710, -7.4300, 49.9267 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(201, 118, 129)` looks like.

```
.text, #text, p{  
    color:rgb(201, 118, 129)  
}
```

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(201, 118, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 118, 129) }
```

## Border

The CSS property to change the border of an element to YUV 144.0710, -7.4300, 49.9267 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(201, 118, 129) }
```



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

```
.border{ border-color:rgb(201, 118, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 118, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 118, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 118, 129);  
box-shadow:4px 4px 4px 4px rgb(201, 118,  
129) }
```

# Background

The CSS property to change the background color of an element to YUV 144.0710, -7.4300, 49.9267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 118, 129) }
```

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

```
.background{ background-color: rgb(201,  
118, 129) }
```

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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