

Converting Colors

YUV(141.1800, 10.7573,
49.8311)

Have a look what the booklet for
YUV(141.1800, 10.7573, 49.8311)
contains.

YUV(141.1800, 10.7573, 49.8311)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(141.1800, 10.7573,
49.8311)**

Conversions

Conversions Part 1

Format	Color
Hex	C66CA3
RGB	198, 108, 163
RGB Percent	78%, 42%, 64%
CMY	0.2235, 0.5765, 0.3608
CMYK	0.00, 0.45, 0.18, 0.22
HSL	323°, 44%, 60%
HSV	323°, 45%, 78%
XYZ	35.2621, 25.3752, 37.6897
YIQ	141.1800, 35.9850, 36.1850

Conversions

Conversions Part 2

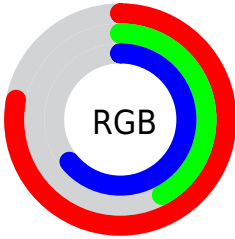
Format	Color
RYB	198, 108, 163
Decimal	13003939
CIELab	57.44, 42.73, -13.81
CIELCh	57, 44.902, 342.091
Yxy	25.3752, 0.3586, 0.2581
Android (android.graphics.Color)	4291194019 (0xFFC66CA3)
YUV	141.1800, 10.7573, 49.8311
Hunter-Lab	50.3738, 36.7973, -9.0991

Details

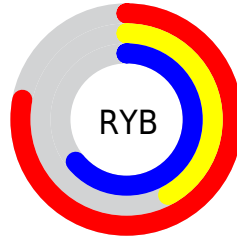
The YUV color **141.1800, 10.7573, 49.8311** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **164.8200, -10.7573, -49.8311**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.1910, 10.7518, 51.5755**, and **87.9840, 11.3469, 47.3720** is the 20% darker color. If you saturate the color by 10%, you get **128.5280, 13.0507, 60.9269**, and if you desaturate by 10%, it is **153.8320, 8.4638, 38.7353**.

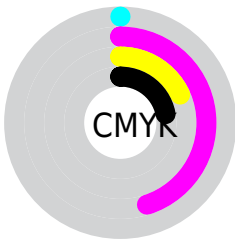
Distribution



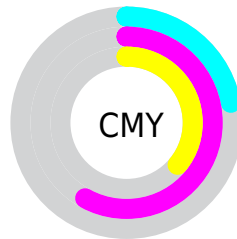
- Red (78%)
- Green (42%)
- Blue (64%)



- Red (78%)
- Yellow (42%)
- Blue (64%)



- Cyan (0%)
- Magenta (45%)
- Yellow (18%)
- Black (22%)





- Cyan (22%)
- Magenta (58%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 141.1800, 10.7573, 49.8311 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 141.1800, 10.7573, 49.8311 by changing the saturation by 10% instead.


 141.1800, 10.7573,
49.8311


 141.1800, 10.7573,
49.8311


255.0000, 0.0000,
0.0000


 114.5820, 11.0521,
48.6016


 196.1910, 10.7518,
51.5755

 87.9840, 11.3469,
47.3720


 215.2320, 15.1686,
34.8765


 61.9130, 12.3679,
46.5573

 233.2810, 10.7075,
19.0476

 33.7930, 14.3991,
48.4165

 250.3040, 2.3151,
4.1184

 23.5110, 8.6221,
34.6319

 14.6530, 3.1291,
23.1063

 0.0000, 0.0000,

0.0000

■ 141.1800, 10.7573,
49.8311

■ 141.1800, 10.7573,
49.8311

■ 128.5280, 13.0507,
60.9269

■ 153.8320, 8.4638,
38.7353

■ 115.9900, 15.7809,
71.9228

■ 166.3700, 5.7336,
27.7395

■ 103.9250, 17.7850,
82.5038

■ 178.4350, 3.7295,
17.1585

■ 91.2730, 20.0784,
93.5996

■ 191.0870, 1.4361,
6.0627

■ 78.6210, 22.3718,
104.6954

■ 203.7390, -0.8573,
-5.0331

■ 72.9960, 23.6660,
109.6285

■ 216.2770, -3.5876,
-16.0289

■ 228.9290, -5.8810,
-27.1247

■ 234.5370, -4.7017,
-32.0429

■ 235.3350, -1.6442,
-32.7428

Harmonies

Analogous

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



141.5100, 26.8636, 17.0927



141.1800, 10.7573, 49.8311



138.7460, -7.7628, 63.3668

Triad

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



141.1800, 10.7573, 49.8311



133.0330, -36.9913, 11.3721



113.1180, 37.4098, -99.2045

Complementary

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



141.1800, 10.7573, 49.8311



164.8200, -10.7573, -49.8311

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.



110.1880, 21.1063, -96.6349



141.1800, 10.7573, 49.8311



127.9130, -25.1001, -22.7257

Square

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



141.1800, 10.7573, 49.8311



135.4370, -36.2044, 39.0818



115.4030, -1.6777, -68.7594



111.6310, 49.4819, -97.9004

Rectangle

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



141.1800, 10.7573, 49.8311



137.6460, -19.5455, 62.5775



115.4030, -1.6777, -68.7594



112.4510, 32.3157, -98.6195

Sweetspot

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



141.1800, 10.7573, 49.8311



232.2720, 4.3029, 19.9325



128.4260, 34.3000, 11.9044



114.0600, 2.4354, 12.2254



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.



141.1800, 10.7573, 49.8311



166.5500, 16.4908, 77.5706



136.1640, -8.4619, 54.2302



93.3750, 1.2941, 4.9331



60.1370, 19.6525, 90.2109



13.2720, 4.3029, 19.9325

Inverse Universe

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



141.1800, 10.7573, 49.8311



166.5500, 16.4908, 77.5706



169.9500, 8.8987, -54.3301



93.3750, 1.2941, 4.9331



60.1370, 19.6525, 90.2109



13.2720, 4.3029, 19.9325

Previews

White Background



This preview shows how the YUV color 141.1800, 10.7573, 49.8311 looks on a white background.

Color Contrast Check

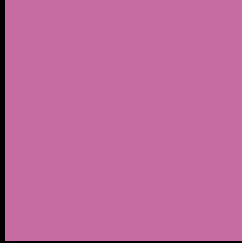
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.1800, 10.7573, 49.8311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

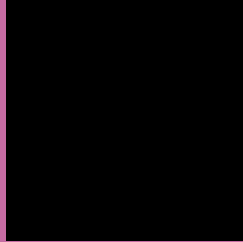
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 141.1800, 10.7573, 49.8311

Background



This preview shows how black text looks on a background with the YUV color 141.1800, 10.7573, 49.8311.



This preview shows how white text looks on a background with the YUV color 141.1800, 10.7573,

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

141.1800, 10.7573, 49.8311

Protanopia

138.9550, 21.7142, -11.3615

Deuteranopia

139.7150, 9.0145, 2.0039



Tritanopia

140.2340, -8.0034, 47.1528

Trichromacy



Original Color

141.1800, 10.7573, 49.8311

Protanomaly

139.4740, 18.0073, 10.9853

Deuteranomaly

140.0530, 9.8339, 19.2475

Tritanomaly

140.3680, -1.1674, 47.9123

Monochromacy



Original Color

141.1800, 10.7573, 49.8311

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.1470, 3.8715, 18.2881

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.1800, 10.7573, 49.8311 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(198, 108, 163)` looks like.

```
.text, #text, p{  
    color:rgb(198, 108, 163)  
}
```

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(198, 108, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 108, 163) }
```

Border

The CSS property to change the border of an element to YUV 141.1800, 10.7573, 49.8311 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(198, 108, 163) }
```


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

```
.border{ border-color:rgb(198, 108, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 108, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 108, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 108, 163);  
box-shadow:4px 4px 4px 4px rgb(198, 108,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 141.1800, 10.7573, 49.8311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 108, 163) }
```

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

```
.background{ background-color: rgb(198,  
108, 163) }
```

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