

Converting Colors

YUV(179.8120, 15.3757,
15.0739)

Have a look what the booklet for
YUV(179.8120, 15.3757, 15.0739)
contains.

YUV(179.8120, 15.3757, 15.0739)	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(179.8120, 15.3757,
15.0739)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A5D3
RGB	197, 165, 211
RGB Percent	77%, 65%, 83%
CMY	0.2275, 0.3529, 0.1725
CMYK	0.07, 0.22, 0.00, 0.17
HSL	282°, 34%, 74%
HSV	282°, 22%, 83%
XYZ	48.2390, 43.4837, 67.4787
YIQ	179.8120, 4.3060, 21.0900

Conversions

Conversions Part 2

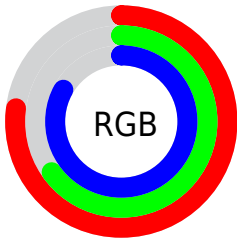
Format	Color
RYB	197, 165, 211
Decimal	12953043
CIELab	71.88, 20.03, -19.00
CIELCh	72, 27.605, 316.518
Yxy	43.4837, 0.3030, 0.2731
Android (android.graphics.Color)	4291143123 (0xFFC5A5D3)
YUV	179.8120, 15.3757, 15.0739
Hunter-Lab	65.9422, 15.1800, -14.5120

Details

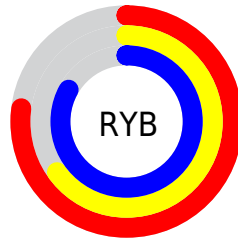
The YUV color **179.8120, 15.3757, 15.0739** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **196.1880, -15.3757, -15.0739**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.1560, 10.2761, 17.4032**, and **126.8720, 14.3601, 14.1443** is the 20% darker color. If you saturate the color by 10%, you get **165.6910, 22.3373, 22.1960**, and if you desaturate by 10%, it is **193.9330, 8.4140, 7.9518**.

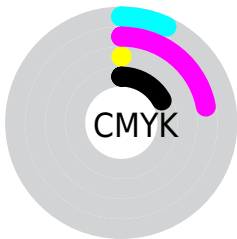
Distribution



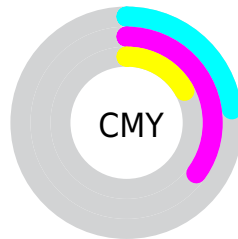
- Red (77%)
- Green (65%)
- Blue (83%)



- Red (77%)
- Yellow (65%)
- Blue (83%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)
- Black (17%)





- Cyan (23%)
- Magenta (35%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 179.8120, 15.3757, 15.0739 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 179.8120, 15.3757, 15.0739 by changing the saturation by 10% instead.


 179.8120, 15.3757,
15.0739


 179.8120, 15.3757,
15.0739


255.0000, 0.0000,
0.0000


 153.2850, 14.6495,
14.6591


 234.1560, 10.2761,
17.4032


 126.8720, 14.3601,
14.1443

 251.4780, 1.7363,
3.0888

 101.4590, 14.0707,
13.6295

 77.6330, 13.4919,
12.5999

 54.2200, 13.2025,
12.0851

 32.3940, 12.6238,
11.0555

 12.1770, 11.7447,

12.9998

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 179.8120, 15.3757,
15.0739

■ 179.8120, 15.3757,
15.0739

■ 165.6910, 22.3373,
22.1960

■ 193.9330, 8.4140,
7.9518

■ 151.2710, 29.4464,
28.7033

■ 208.3530, 1.3050,
1.4444

■ 137.1500, 36.4080,
35.8254

■ 222.4740, -5.6567,
-5.6777

■ 122.7300, 43.5171,
42.3328

■ 236.8940,
-12.7657, -12.1850

108.6090, 50.4788,
49.4549

242.2100,
-15.3865, -11.5852

93.6020, 57.8772,
56.4770

244.3030,
-16.4184, -7.2817

79.4810, 64.8389,
63.5992

246.0970,
-17.3028, -3.5931

68.0070, 70.4955,
69.2769

247.8910,
-18.1873, 0.0956

249.9840,
-19.2191, 4.3990

Harmonies

Analogous

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



176.7100, 23.3140, -11.1467



179.8120, 15.3757, 15.0739



180.3600, 4.2595, 33.8873

Triad

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



179.8120, 15.3757, 15.0739



176.2640, -23.7942, 25.2015



163.9870, 12.8244, -53.4856

Complementary

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



179.8120, 15.3757, 15.0739



196.1880, -15.3757, -15.0739

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.



166.4160, -1.1911, -38.0758



179.8120, 15.3757, 15.0739



173.4850, -22.4241, 5.7137

Square

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



179.8120, 15.3757, 15.0739



178.1330, -18.3066, 38.4714



170.4050, -14.4967, -17.0182



165.3210, 23.0127, -54.6555

Rectangle

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



179.8120, 15.3757, 15.0739



179.8140, -4.3453, 40.5051



170.4050, -14.4967, -17.0182



164.4560, 8.1562, -49.5119

Sweetspot

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



179.8120, 15.3757, 15.0739



242.9390, 5.9461, 6.1925



179.0490, 15.7518, -12.3210



120.3470, 3.7729, 3.2037



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.



179.8120, 15.3757, 15.0739



210.2780, 22.0479, 21.6812



183.0860, 9.8176, 24.4806



97.3470, 3.7729, 3.2037



54.1350, 56.1354, 55.1326



13.0460, 13.7813, 13.1147

Inverse Universe

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



180.3500, -0.6655, 26.8801



211.0140, -0.9929, 38.5757



192.9140, -9.8176, -24.4806



97.6310, -0.3111, 6.4626



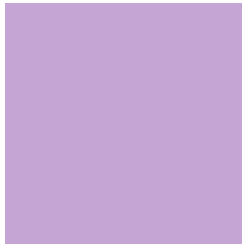
56.0460, -2.4877, 98.1837



13.6270, -0.8021, 24.0061

Previews

White Background



This preview shows how the YUV color 179.8120, 15.3757, 15.0739 looks on a white background.

Color Contrast Check

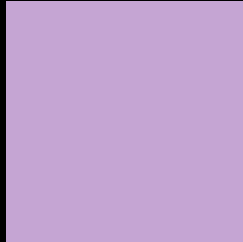
Large Text (above 18pt) WCAG AA × Fail

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 179.8120, 15.3757, 15.0739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

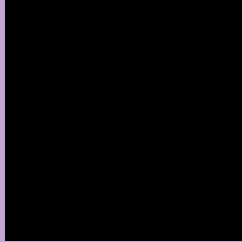
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 179.8120, 15.3757, 15.0739

Background



This preview shows how black text looks on a background with the YUV color 179.8120, 15.3757, 15.0739.



This preview shows how white text looks on a background with the YUV color 179.8120, 15.3757, 15.0739.

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

179.8120, 15.3757, 15.0739

Protanopia

177.2110, 20.1090, -9.8320

Deuteranopia

177.8270, 15.8613, -0.7253



Tritanopia

178.3590, 2.2880, 12.8402

Trichromacy



Original Color

179.8120, 15.3757, 15.0739

Protanomaly

177.8100, 18.3347, -0.7104

Deuteranomaly

178.1590, 15.6976, 5.1226

Tritanomaly

178.6240, 7.0874, 13.4848

Monochromacy



Original Color

179.8120, 15.3757, 15.0739

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.1130, 5.3673, 5.1629

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.8120, 15.3757, 15.0739 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(197, 165, 211)` looks like.

```
.text, #text, p{  
    color:rgb(197, 165, 211)  
}
```

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(197, 165, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 165, 211) }
```

Border

The CSS property to change the border of an element to YUV 179.8120, 15.3757, 15.0739 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(197, 165, 211) }
```


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

```
.border{ border-color:rgb(197, 165, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 165, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 165, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 165, 211);  
box-shadow:4px 4px 4px 4px rgb(197, 165,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 179.8120, 15.3757, 15.0739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 165, 211) }
```

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

```
.background{ background-color: rgb(197,  
165, 211) }
```

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