

Converting Colors

YUV(179.5640, 8.1029, 14.4144)

Have a look what the booklet for
YUV(179.5640, 8.1029, 14.4144)
contains.

YUV(179.5640, 8.1029, 14.4144)	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(179.5640, 8.1029,
14.4144)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A8C4
RGB	196, 168, 196
RGB Percent	77%, 66%, 77%
CMY	0.2314, 0.3412, 0.2314
CMYK	0.00, 0.14, 0.00, 0.23
HSL	300°, 19%, 71%
HSV	300°, 14%, 77%
XYZ	46.7314, 43.7265, 58.2016
YIQ	179.5640, 7.7000, 14.6440

Conversions

Conversions Part 2

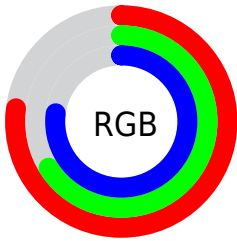
Format	Color
R_{YB}	196, 168, 196
Decimal	12888260
CIE _{Lab}	72.05, 15.13, -10.51
CIE _{LCh}	72, 18.421, 325.206
Yxy	43.7265, 0.3144, 0.2941
Android (android.graphics.Color)	4291078340 (0xFFC4A8C4)
YUV	179.5640, 8.1029, 14.4144
Hunter-Lab	66.1261, 10.4256, -5.8965

Details

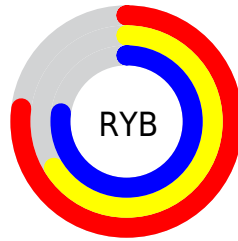
The YUV color **179.5640, 8.1029, 14.4144** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **184.4360, -8.1029, -14.4144**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.3900, 8.6817, 15.4440**, and **126.7380, 7.5242, 13.3848** is the 20% darker color. If you saturate the color by 10%, you get **167.8240, 13.8908, 24.7104**, and if you desaturate by 10%, it is **191.3040, 2.3151, 4.1184**.

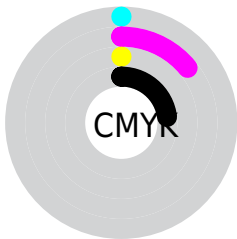
Distribution



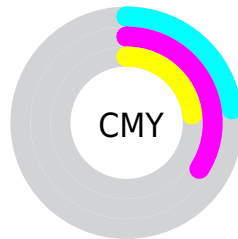
- Red (77%)
- Green (66%)
- Blue (77%)



- Red (77%)
- Yellow (66%)
- Blue (77%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (23%)



- Cyan (23%)
- Magenta (34%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 179.5640, 8.1029, 14.4144 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 179.5640, 8.1029, 14.4144 by changing the saturation by 10% instead.


 179.5640, 8.1029,
14.4144

 179.5640, 8.1029,
14.4144

255.0000, 0.0000,
0.0000


 153.1510, 7.8136,
13.8996


 235.3900, 8.6817,
15.4440

 126.7380, 7.5242,
13.3848

 253.2390, 0.8682,
1.5444

 101.4390, 7.6716,
12.7700

 77.9120, 6.9454,
12.3552

 54.6130, 7.0928,
11.7404

 32.7870, 6.5140,
10.7108

 10.7380, 7.5242,

13.3848

■ 0.0000, 0.0000,
0.0000

■ 179.5640, 8.1029,
14.4144

■ 179.5640, 8.1029,
14.4144

■ 167.8240, 13.8908,
24.7104

■ 191.3040, 2.3151,
4.1184

■ 156.6710, 19.3892,
34.4915

■ 202.4570, -3.1833,
-5.6628

■ 144.9310, 25.1770,
44.7875

■ 214.1970, -8.9711,
-15.9588

■ 133.7780, 30.6754,
54.5687

■ 225.3500,
-14.4695, -25.7399

■ 122.0380, 36.4633,
64.8647

■ 230.6330,
-17.0741, -30.3731

■ 110.2980, 42.2511,
75.1607

■ 99.1450, 47.7495,
84.9418

■ 87.4050, 53.5373,
95.2378

■ 80.9480, 56.7206,
100.9006

Harmonies

Analogous

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



177.7730, 14.4089, -1.5549



179.5640, 8.1029, 14.4144



179.8660, 0.0661, 25.5505

Triad

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



179.5640, 8.1029, 14.4144



176.4350, -16.4835, 13.6505



170.0110, 9.8546, -34.2126

Complementary

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



179.5640, 8.1029, 14.4144



184.4360, -8.1029, -14.4144

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.



170.4650, 1.2498, -27.5948



179.5640, 8.1029, 14.4144



174.3300, -13.9667, -0.2894

Square

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



179.5640, 8.1029, 14.4144



177.8970, -13.7532, 24.6463



172.2510, -7.5187, -15.1291



171.6400, 15.9535, -30.3793

Rectangle

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



179.5640, 8.1029, 14.4144



179.3950, -5.6177, 28.5946



172.2510, -7.5187, -15.1291



170.0390, 7.3758, -32.4832

Sweetspot

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



179.5640, 8.1029, 14.4144



249.1300, 2.8939, 5.1480



171.1920, 12.2303, -2.7994



123.8910, 2.0257, 3.6036



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.



179.5640, 8.1029, 14.4144



229.7590, 12.4438, 22.1364



177.9680, 1.9878, 15.8141



91.1300, 2.8939, 5.1480



66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Inverse Universe

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



179.5640, 8.1029, 14.4144



229.7590, 12.4438, 22.1364



186.0320, -1.9878, -15.8141



91.1300, 2.8939, 5.1480



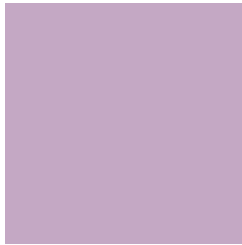
66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 179.5640, 8.1029, 14.4144 looks on a white background.

Color Contrast Check

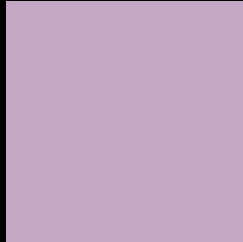
Large Text (above 18pt) WCAG AA × Fail

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 179.5640, 8.1029, 14.4144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

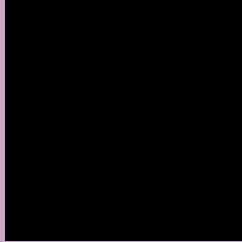
Any Text WCAG AA ✓ Pass

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 179.5640, 8.1029, 14.4144 Background



This preview shows how black text looks on a background with the YUV color 179.5640, 8.1029, 14.4144.



This preview shows how white text looks on a background with the YUV color 179.5640, 8.1029,

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

179.5640, 8.1029, 14.4144

Protanopia

177.3660, 11.6516, -3.8290

Deuteranopia

178.5090, 8.1301, 5.6926



Tritanopia

178.6580, 2.1406, 13.4549

Trichromacy



Original Color

179.5640, 8.1029, 14.4144

Protanomaly

177.7690, 10.4669, 2.8336

Deuteranomaly

179.1180, 7.8298, 8.6665

Tritanomaly

178.9400, 4.4666, 14.0846

Monochromacy



Original Color

179.5640, 8.1029, 14.4144

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.1300, 2.8939, 5.1480

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.5640, 8.1029, 14.4144 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(196, 168, 196)` looks like.

```
.text, #text, p{  
    color:rgb(196, 168, 196)  
}
```

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(196, 168, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 168, 196) }
```

Border

The CSS property to change the border of an element to YUV 179.5640, 8.1029, 14.4144 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(196, 168, 196) }
```


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

```
.border{ border-color:rgb(196, 168, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 168, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 168, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 168, 196);  
box-shadow:4px 4px 4px 4px rgb(196, 168,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 179.5640, 8.1029, 14.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 168, 196) }
```

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

```
.background{ background-color: rgb(196,  
168, 196) }
```

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