

Converting Colors

YUV(178.6310, 23.3529,
23.1256)

Have a look what the booklet for
YUV(178.6310, 23.3529, 23.1256)
contains.

YUV(178.6310, 23.3529, 23.1256)	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(178.6310, 23.3529,
23.1256)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9CE2
RGB	205, 156, 226
RGB Percent	80%, 61%, 89%
CMY	0.1961, 0.3882, 0.1137
CMYK	0.09, 0.31, 0.00, 0.11
HSL	282°, 55%, 75%
HSV	282°, 31%, 89%
XYZ	50.7928, 42.2471, 77.4289
YIQ	178.6310, 6.7340, 32.1580

Conversions

Conversions Part 2

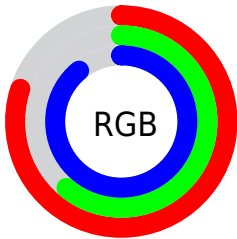
Format	Color
RYB	205, 156, 226
Decimal	13475042
CIELab	71.04, 30.57, -28.45
CIELCh	71, 41.760, 317.064
Yxy	42.2471, 0.2980, 0.2478
Android (android.graphics.Color)	4291665122 (0xFFCD9CE2)
YUV	178.6310, 23.3529, 23.1256
Hunter-Lab	64.9977, 25.7436, -25.1311

Details

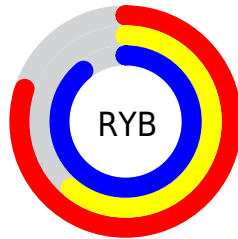
The YUV color **178.6310, 23.3529, 23.1256** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **203.3690, -23.3529, -23.1256**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.1720, 12.7332, 22.6512**, and **125.2780, 22.0479, 21.6812** is the 20% darker color. If you saturate the color by 10%, you get **163.0370, 31.0408, 30.6626**, and if you desaturate by 10%, it is **194.2250, 15.6651, 15.5887**.

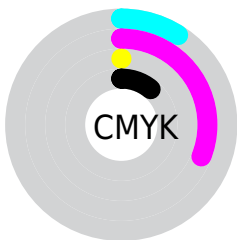
Distribution



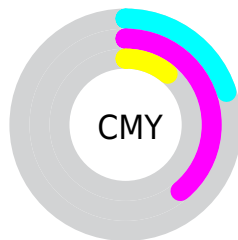
- Red (80%)
- Green (61%)
- Blue (89%)



- Red (80%)
- Yellow (61%)
- Blue (89%)



- Cyan (9%)
- Magenta (31%)
- Yellow (0%)
- Black (11%)





- Cyan (20%)
- Magenta (39%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 178.6310, 23.3529, 23.1256 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 178.6310, 23.3529, 23.1256 by changing the saturation by 10% instead.


 178.6310, 23.3529,
23.1256

 178.6310, 23.3529,
23.1256


255.0000, 0.0000,
0.0000


 151.8050, 22.7741,
22.0960


 229.1720, 12.7332,
22.6512


 125.2780, 22.0479,
21.6812

 245.6080, 4.6303,
8.2368

 99.5660, 21.9060,
20.5516

 75.6260, 20.8904,
19.6220

 51.2130, 20.6010,
19.1072

 27.8000, 20.3116,
18.5924

 14.3280, 16.1073,

13.7443

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 178.6310, 23.3529,
23.1256

■ 178.6310, 23.3529,
23.1256

■ 163.0370, 31.0408,
30.6626

■ 194.2250, 15.6651,
15.5887

■ 148.0300, 38.4392,
37.6847

■ 209.2320, 8.2666,
8.5665

■ 132.7350, 45.9796,
45.8364

■ 224.5270, 0.7262,
0.4148

■ 117.7280, 53.3781,
52.8585

■ 239.5340, -6.6723,
-6.6073

102.1340, 61.0659,
60.3955

246.9100,
-10.3086, -6.9371

86.5400, 68.7538,
67.9324

249.0030,
-11.3405, -2.6336

73.0060, 75.4260,
74.5397

250.7970,
-12.2249, 1.0550

251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



173.5810, 35.7026, -18.0495



178.6310, 23.3529, 23.1256



178.4530, 6.6787, 51.3457

Triad

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



178.6310, 23.3529, 23.1256



172.5290, -35.7568, 35.4931



136.1080, 29.0338, -119.3667

Complementary

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



178.6310, 23.3529, 23.1256



203.3690, -23.3529, -23.1256

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.



155.5930, 0.2007, -64.5411



178.6310, 23.3529, 23.1256



168.8090, -33.9228, 7.1835

Square

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



178.6310, 23.3529, 23.1256



174.6530, -26.9439, 55.5553



164.2160, -21.3055, -26.4994



138.1090, 44.3163, -121.1216

Rectangle

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



178.6310, 23.3529, 23.1256



177.0060, -5.4260, 60.5077



164.2160, -21.3055, -26.4994



143.5960, 18.9332, -99.6237

Sweetspot

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



178.6310, 23.3529, 23.1256



239.4060, 7.6878, 7.5369



176.3070, 24.4986, -17.8092



117.7000, 5.0779, 4.6481



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.



178.6310, 23.3529, 23.1256



191.4500, 31.3302, 31.1774



183.3140, 14.1422, 37.4356



104.6460, 3.6255, 3.8185



56.8410, 58.7454, 58.0214



15.6380, 15.9545, 16.1035

Inverse Universe

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



179.3240, -1.1457, 40.9349



192.2980, -1.6259, 54.9897



198.6860, -14.1422, -37.4356



104.6310, -0.3111, 6.4626



58.6660, -2.7933, 102.9019



16.0620, -0.5236, 28.0096

Previews

White Background



This preview shows how the YUV color 178.6310, 23.3529, 23.1256 looks on a white background.

Color Contrast Check

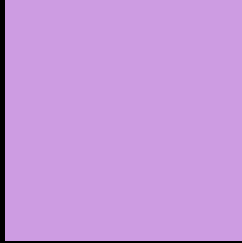
Large Text (above 18pt) WCAG AA × Fail

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 178.6310, 23.3529, 23.1256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

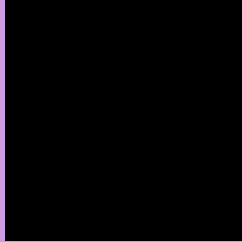
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.6310, 23.3529, 23.1256

Background



This preview shows how black text looks on a background with the YUV color 178.6310, 23.3529, 23.1256.



This preview shows how white text looks on a background with the YUV color 178.6310, 23.3529, 23.1256.

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

178.6310, 23.3529, 23.1256

Protanopia

174.4410, 31.3346, -17.0498

Deuteranopia

175.1340, 23.5979, -8.8875



Tritanopia

176.3490, 0.8139, 18.9879

Trichromacy



Original Color

178.6310, 23.3529, 23.1256

Protanomaly

175.8450, 28.6704, -2.4951

Deuteranomaly

176.7980, 23.2706, 2.8082

Tritanomaly

177.4230, 8.6655, 20.6770

Monochromacy



Original Color

178.6310, 23.3529, 23.1256

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

178.9330, 8.4140, 7.9518

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.6310, 23.3529, 23.1256 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(205, 156, 226)` looks like.

```
.text, #text, p{  
    color:rgb(205, 156, 226)  
}
```

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(205, 156, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 156, 226) }
```

Border

The CSS property to change the border of an element to YUV 178.6310, 23.3529, 23.1256 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(205, 156, 226) }
```


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

```
.border{ border-color:rgb(205, 156, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 156, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 156, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 156, 226);  
box-shadow:4px 4px 4px 4px rgb(205, 156,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 178.6310, 23.3529, 23.1256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 156, 226) }
```

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

```
.background{ background-color: rgb(205,  
156, 226) }
```

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