

Converting Colors

YUV(165.8160, 19.3177,
10.6854)

Have a look what the booklet for
YUV(165.8160, 19.3177, 10.6854)
contains.

YUV(165.8160, 19.3177, 10.6854)	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(165.8160, 19.3177,
10.6854)**

Conversions

Conversions Part 1

Format	Color
Hex	B298CD
RGB	178, 152, 205
RGB Percent	70%, 60%, 80%
CMY	0.3020, 0.4039, 0.1961
CMYK	0.13, 0.26, 0.00, 0.20
HSL	269°, 35%, 70%
HSV	269°, 26%, 80%
XYZ	40.6078, 36.3292, 62.6296
YIQ	165.8160, -1.5170, 21.9950

Conversions

Conversions Part 2

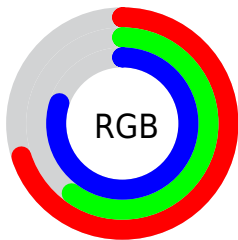
Format	Color
RYB	178, 152, 205
Decimal	11704525
CIELab	66.77, 19.81, -23.62
CIElCh	67, 30.830, 309.988
Yxy	36.3292, 0.2910, 0.2603
Android (android.graphics.Color)	4289894605 (0xFFB298CD)
YUV	165.8160, 19.3177, 10.6854
Hunter-Lab	60.2737, 14.7805, -19.4158

Details

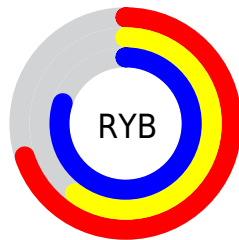
The YUV color **165.8160, 19.3177, 10.6854** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **191.1840, -19.3177, -10.6854**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.9580, 17.2757, 12.3148**, and **113.8760, 18.3021, 9.7557** is the 20% darker color. If you saturate the color by 10%, you get **151.0860, 26.5796, 14.8336**, and if you desaturate by 10%, it is **181.1330, 11.7664, 6.0224**.

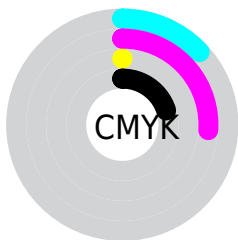
Distribution



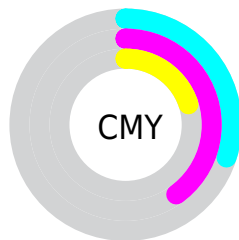
- Red (70%)
- Green (60%)
- Blue (80%)



- Red (70%)
- Yellow (60%)
- Blue (80%)



- Cyan (13%)
- Magenta (26%)
- Yellow (0%)
- Black (20%)



- Cyan (30%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8160, 19.3177, 10.6854 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 165.8160, 19.3177, 10.6854 by changing the saturation by 10% instead.

■ 165.8160, 19.3177,
10.6854

■ 165.8160, 19.3177,
10.6854

255.0000, 0.0000,
0.0000

■ 139.2890, 18.5915,
10.2705

■ 219.9580, 17.2757,
12.3148

■ 113.8760, 18.3021,
9.7557

■ 243.2600, 5.7878,
10.2960

■ 89.0500, 17.7233,
8.7262

■ 65.5230, 16.9972,
8.3113

■ 42.5830, 15.9816,
7.3817

■ 21.0560, 15.2554,
6.9669

■ 3.5340, 13.5407,

-3.0993

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 165.8160, 19.3177,
10.6854

■ 165.8160, 19.3177,
10.6854

■ 151.0860, 26.5796,
14.8336

■ 181.1330, 11.7664,
6.0224

■ 135.4700, 34.2783,
18.8818

■ 196.1620, 4.3571,
2.4889

■ 120.1530, 41.8296,
23.5448

■ 211.4790, -3.1941,
-2.1741

■ 105.1240, 49.2389,
27.0783

■ 226.5080,
-10.6034, -5.7075

90.3940, 56.5008,
31.2265

241.8250,
-18.1547, -10.3705

74.7780, 64.1994,
35.2747

245.1140,
-19.7762, -3.6080

59.4610, 71.7507,
39.9377

248.1040,
-21.2503, 2.5398

53.5690, 74.6555,
41.5970

249.3000,
-21.8399, 4.9989

Harmonies

Analogous

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



161.3930, 27.4143, -19.6387



165.8160, 19.3177, 10.6854



166.5710, 7.6065, 33.7022

Triad

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



165.8160, 19.3177, 10.6854



162.2540, -25.2682, 31.3492



147.6010, 11.5357, -60.1631

Complementary

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



165.8160, 19.3177, 10.6854



191.1840, -19.3177, -10.6854

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.



152.2050, -4.5381, -37.8908



165.8160, 19.3177, 10.6854



159.8940, -26.0767, 10.6170

Square

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



165.8160, 19.3177, 10.6854



164.2800, -17.8860, 43.6044



156.4010, -18.4387, -12.6297



146.7000, 24.7979, -67.2659

Rectangle

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



165.8160, 19.3177, 10.6854



166.2210, -1.5880, 42.7792



156.4010, -18.4387, -12.6297



149.1520, 5.8411, -53.6303

Sweetspot

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



165.8160, 19.3177, 10.6854



240.2700, 7.2619, 4.1482



173.8910, 15.3367, -19.1984



118.2760, 4.7939, 2.3889



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.



165.8160, 19.3177, 10.6854



196.6670, 28.7582, 16.0780



173.5900, 15.4851, 26.6696



94.6350, 3.6309, 2.0741



43.1430, 60.5685, 33.2006



10.0130, 13.7976, 7.8816

Inverse Universe

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



170.9250, 3.9810, 29.8838



204.1810, 5.8268, 44.5683



183.4100, -15.4851, -26.6696



95.5600, 0.7099, 5.6479



59.2100, 12.2215, 93.6548



13.5280, 2.6977, 21.4619

Previews

White Background



This preview shows how the YUV color 165.8160, 19.3177, 10.6854 looks on a white background.

Color Contrast Check

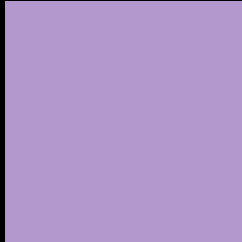
Large Text (above 18pt) WCAG AA × Fail

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 165.8160, 19.3177, 10.6854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

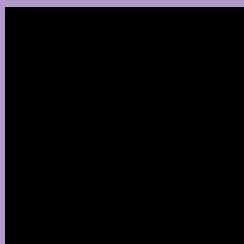
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.8160, 19.3177, 10.6854

Background



This preview shows how black text looks on a background with the YUV color 165.8160, 19.3177, 10.6854.



This preview shows how white text looks on a background with the YUV color 165.8160, 19.3177, 10.6854.

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

165.8160, 19.3177, 10.6854

Protanopia

163.1120, 23.6088, -12.3762

Deuteranopia

163.5320, 19.9507, -5.7286



Tritanopia

163.6680, 3.6147, 7.3072

Trichromacy



Original Color

165.8160, 19.3177, 10.6854

Protanomaly

164.4120, 21.9819, -3.8693

Deuteranomaly

164.1630, 19.6396, 0.7340

Tritanomaly

164.4600, 9.1402, 8.3666

Monochromacy



Original Color

165.8160, 19.3177, 10.6854

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.8570, 6.9725, 3.6334

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8160, 19.3177, 10.6854 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(178, 152, 205)` looks like.

```
.text, #text, p{  
    color:rgb(178, 152, 205)  
}
```

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(178, 152, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 152, 205) }
```

Border

The CSS property to change the border of an element to YUV 165.8160, 19.3177, 10.6854 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(178, 152, 205) }
```


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

```
.border{ border-color:rgb(178, 152, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 152, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 152, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 152, 205);  
box-shadow:4px 4px 4px 4px rgb(178, 152,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 165.8160, 19.3177, 10.6854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 152, 205) }
```

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

```
.background{ background-color: rgb(178,  
152, 205) }
```

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