

Converting Colors

YUV(163.9380, 10.8766,
11.4554)

Have a look what the booklet for
YUV(163.9380, 10.8766, 11.4554)
contains.

YUV(163.9380, 10.8766, 11.4554)	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(163.9380, 10.8766,
11.4554)**

Conversions

Conversions Part 1

Format	Color
Hex	B199BA
RGB	177, 153, 186
RGB Percent	69%, 60%, 73%
CMY	0.3059, 0.4000, 0.2706
CMYK	0.05, 0.18, 0.00, 0.27
HSL	284°, 19%, 66%
HSV	284°, 18%, 73%
XYZ	38.3856, 35.6747, 51.3171
YIQ	163.9380, 3.7110, 15.3510

Conversions

Conversions Part 2

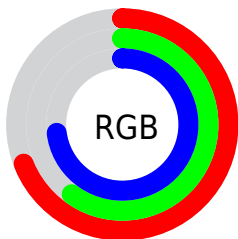
Format	Color
RYB	177, 153, 186
Decimal	11639226
CIELab	66.27, 14.97, -13.80
CIELCh	66, 20.358, 317.333
Yxy	35.6747, 0.3062, 0.2845
Android (android.graphics.Color)	4289829306 (0xFFB199BA)
YUV	163.9380, 10.8766, 11.4554
Hunter-Lab	59.7283, 10.1920, -9.1307

Details

The YUV color **163.9380, 10.8766, 11.4554** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **175.0620, -10.8766, -11.4554**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.7640, 11.4553, 12.4850**, and **112.1120, 10.2978, 10.4258** is the 20% darker color. If you saturate the color by 10%, you get **151.2900, 17.1120, 18.1627**, and if you desaturate by 10%, it is **176.5860, 4.6411, 4.7481**.

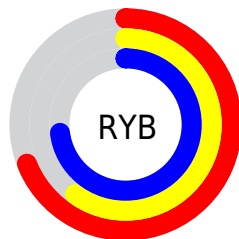
Distribution



Red (69%)

Green (60%)

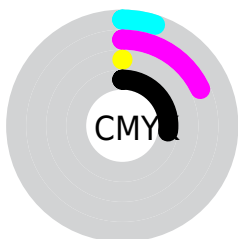
Blue (73%)



Red (69%)

Yellow (60%)

Blue (73%)

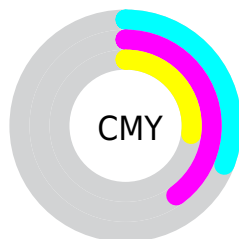


Cyan (5%)

Magenta (18%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (40%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.9380, 10.8766, 11.4554 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 163.9380, 10.8766, 11.4554 by changing the saturation by 10% instead.

■ 163.9380, 10.8766,
11.4554

■ 163.9380, 10.8766,
11.4554

255.0000, 0.0000,
0.0000

■ 137.5250, 10.5872,
10.9406

■ 218.7640, 11.4553,
12.4850

■ 112.1120, 10.2978,
10.4258

■ 243.8470, 5.4984,
9.7812

■ 87.6990, 10.0084,
9.9110

■ 64.1720, 9.2822,
9.4962

■ 41.7590, 8.9928,
8.9814

■ 20.6450, 8.5560,
9.0813

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 163.9380, 10.8766,
11.4554

■ 163.9380, 10.8766,
11.4554

■ 151.2900, 17.1120,
18.1627

■ 176.5860, 4.6411,
4.7481

■ 139.2290, 23.0581,
24.3552

■ 188.6470, -1.3050,
-1.4444

■ 126.5810, 29.2936,
31.0625

■ 201.2950, -7.5404,
-8.1517

■ 114.5200, 35.2396,
37.2550

■ 213.3560,
-13.4865, -14.3442

■ 101.8720, 41.4751,
43.9623

■ 226.0040,
-19.7220, -21.0515

89.2240, 47.7106,
50.6696

232.7820,
-23.0635, -22.6108

76.8640, 53.8040,
56.2473

234.5760,
-23.9480, -18.9222

64.2160, 60.0395,
62.9546

236.0710,
-24.6850, -15.8483

61.5690, 61.3445,
64.3990

237.5660,
-25.4220, -12.7744

Harmonies

Analogous

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



161.7230, 16.8986, -6.7731



163.9380, 10.8766, 11.4554



164.5500, 2.6869, 24.9507

Triad

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



163.9380, 10.8766, 11.4554



160.9410, -17.2259, 18.4687



153.6470, 8.5550, -37.4014

Complementary

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



163.9380, 10.8766, 11.4554



175.0620, -10.8766, -11.4554

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.



154.7810, -1.3710, -26.9949



163.9380, 10.8766, 11.4554



159.0810, -16.3089, 4.3140

Square

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



163.9380, 10.8766, 11.4554



162.9190, -13.7641, 28.1350



156.8770, -10.2924, -12.1701



154.3080, 16.1172, -36.2271

Rectangle

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



163.9380, 10.8766, 11.4554



163.9760, -3.4392, 29.8390



156.8770, -10.2924, -12.1701



153.8600, 5.4920, -34.9572

Sweetspot

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



163.9380, 10.8766, 11.4554



234.0590, 3.9149, 4.3333



162.0450, 11.8098, -7.9325



117.2930, 2.3206, 2.3740



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



163.9380, 10.8766, 11.4554



207.8770, 16.8226, 17.6479



165.8310, 6.4923, 17.6882



85.8200, 3.0467, 2.7889



51.5710, 51.4835, 53.8732



9.1720, 9.2822, 9.4962

Inverse Universe

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



163.8930, -0.9332, 19.3878



207.8450, -1.4026, 29.9539



173.1690, -6.4923, -17.6882



85.9190, -0.4531, 5.3330



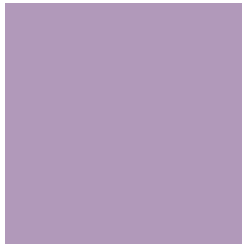
51.4320, -4.6500, 91.7061



9.2840, -0.6330, 16.4139

Previews

White Background



This preview shows how the YUV color 163.9380, 10.8766, 11.4554 looks on a white background.

Color Contrast Check

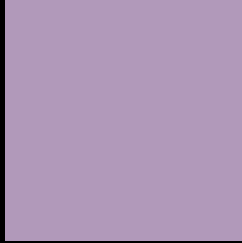
Large Text (above 18pt) WCAG AA × Fail

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 163.9380, 10.8766, 11.4554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

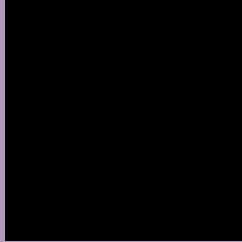
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.9380, 10.8766, 11.4554

Background



This preview shows how black text looks on a background with the YUV color 163.9380, 10.8766, 11.4554.



This preview shows how white text looks on a background with the YUV color 163.9380, 10.8766, 11.4554.

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

163.9380, 10.8766, 11.4554

Protanopia

162.0390, 14.2778, -6.1732

Deuteranopia

162.5840, 11.0511, 2.1188



Tritanopia

162.7500, 2.5882, 9.8663

Trichromacy



Original Color

163.9380, 10.8766, 11.4554

Protanomaly

162.4420, 13.0931, 0.4894

Deuteranomaly

163.1930, 10.7509, 5.0927

Tritanomaly

163.2600, 5.7878, 10.2960

Monochromacy



Original Color

163.9380, 10.8766, 11.4554

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.0590, 3.9149, 4.3333

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.9380, 10.8766, 11.4554 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(177, 153, 186)` looks like.

```
.text, #text, p{  
    color:rgb(177, 153, 186)  
}
```

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(177, 153, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 153, 186) }
```

Border

The CSS property to change the border of an element to YUV 163.9380, 10.8766, 11.4554 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(177, 153, 186) }
```


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

```
.border{ border-color:rgb(177, 153, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 153, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 153, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 153, 186);  
box-shadow:4px 4px 4px 4px rgb(177, 153,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 163.9380, 10.8766, 11.4554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 153, 186) }
```

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

```
.background{ background-color: rgb(177,  
153, 186) }
```

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