

Converting Colors

YUV(168.8280, 14.3818, 7.1668)

Have a look what the booklet for
YUV(168.8280, 14.3818, 7.1668)
contains.

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Color

**YUV(168.8280, 14.3818,
7.1668)**

Conversions

Conversions Part 1

Format	Color
Hex	B19FC6
RGB	177, 159, 198
RGB Percent	69%, 62%, 78%
CMY	0.3059, 0.3765, 0.2235
CMYK	0.11, 0.20, 0.00, 0.22
HSL	268°, 25%, 70%
HSV	268°, 20%, 78%
XYZ	40.7226, 38.2206, 58.6571
YIQ	168.8280, -1.7910, 15.9450

Conversions

Conversions Part 2

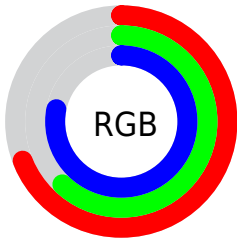
Format	Color
R_{YB}	177, 159, 198
Decimal	11640774
CIE _{Lab}	68.18, 14.08, -17.59
CIE _{LCh}	68, 22.534, 308.671
Yxy	38.2206, 0.2959, 0.2778
Android (android.graphics.Color)	4289830854 (0xFFB19FC6)
YUV	168.8280, 14.3818, 7.1668
Hunter-Lab	61.8228, 9.3879, -12.9780

Details

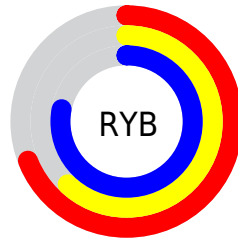
The YUV color **168.8280, 14.3818, 7.1668** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **188.1720, -14.3818, -7.1668**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.3550, 15.1080, 7.5817**, and **116.8880, 13.3662, 6.2372** is the 20% darker color. If you saturate the color by 10%, you get **153.7990, 21.7911, 10.7003**, and if you desaturate by 10%, it is **183.8570, 6.9725, 3.6334**.

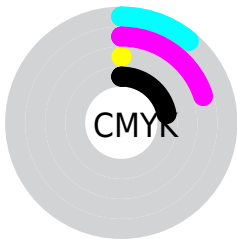
Distribution



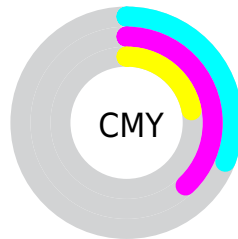
- Red (69%)
- Green (62%)
- Blue (78%)



- Red (69%)
- Yellow (62%)
- Blue (78%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (22%)





- Cyan (31%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.8280, 14.3818, 7.1668 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 168.8280, 14.3818, 7.1668 by changing the saturation by 10% instead.


 168.8280, 14.3818,
7.1668

 168.8280, 14.3818,
7.1668


255.0000, 0.0000,
0.0000


 142.4150, 14.0924,
6.6520


 224.3550, 15.1080,
7.5817


 116.8880, 13.3662,
6.2372

 247.3690, 3.7621,
6.6924

 91.7740, 12.9294,
6.3372

 68.3610, 12.6400,
5.8224

 45.8340, 11.9138,
5.4076

 24.8940, 10.8983,
4.4780

 3.0780, 11.7935,

-2.6994

■ 0.0000, 0.0000,
0.0000

■ 168.8280, 14.3818,
7.1668

■ 168.8280, 14.3818,
7.1668

■ 153.7990, 21.7911,
10.7003

■ 183.8570, 6.9725,
3.6334

■ 139.0690, 29.0530,
14.8485

■ 198.5870, -0.2894,
-0.5148

■ 124.6270, 36.1729,
17.8671

■ 213.0290, -7.4093,
-3.5334

■ 109.5980, 43.5822,
21.4006

■ 228.0580,
-14.8186, -7.0669

■ 94.8680, 50.8441,
25.5488

■ 241.0270,
-21.2123, -9.6707

■ 79.8390, 58.2534,
29.0822

■ 244.3160,
-22.8338, -2.9081

■ 64.8100, 65.6627,
32.6156

■ 247.6050,
-24.4553, 3.8544

■ 50.6670, 72.6352,
36.2490

■ 248.5020,
-24.8975, 5.6987

■ 49.7810, 73.0720,
36.1491

Harmonies

Analogous

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



165.7760, 19.8304, -13.8356



168.8280, 14.3818, 7.1668



169.3480, 5.7444, 24.2508

Triad

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



168.8280, 14.3818, 7.1668



166.6320, -18.5526, 24.0017



157.5820, 7.1081, -39.9754

Complementary

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



168.8280, 14.3818, 7.1668



188.1720, -14.3818, -7.1668

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.



159.9830, -4.4286, -26.2951



168.8280, 14.3818, 7.1668



164.7180, -19.0880, 9.0173

Square

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



168.8280, 14.3818, 7.1668



168.1800, -12.9067, 33.1681



162.5740, -14.0870, -8.3964



157.6770, 16.4282, -42.6897

Rectangle

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



168.8280, 14.3818, 7.1668



169.6710, -0.8238, 30.9835



162.5740, -14.0870, -8.3964



158.2790, 3.3135, -36.2017

Sweetspot

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



168.8280, 14.3818, 7.1668



243.8030, 5.5201, 2.8038



175.7730, 10.9579, -14.7099



121.2220, 3.3416, 1.5593



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.



168.8280, 14.3818, 7.1668



209.3260, 22.5173, 11.1151



174.5090, 11.5811, 18.8476



92.2220, 3.3416, 1.5593



41.0070, 60.1425, 29.8119



8.8880, 13.3662, 6.2372

Inverse Universe

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



173.0550, 3.4239, 21.8768



216.0010, 5.4225, 34.2021



182.4910, -11.5811, -18.8476



93.2610, 0.8573, 5.0331



58.7690, 14.4109, 91.4106



12.9300, 2.9925, 20.2324

Previews

White Background



This preview shows how the YUV color 168.8280, 14.3818, 7.1668 looks on a white background.

Color Contrast Check

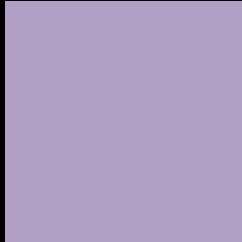
Large Text (above 18pt) WCAG AA × Fail

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 168.8280, 14.3818, 7.1668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

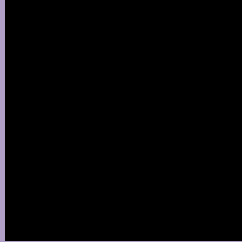
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.8280, 14.3818, 7.1668

Background



This preview shows how black text looks on a background with the YUV color 168.8280, 14.3818, 7.1668.



This preview shows how white text looks on a background with the YUV color 168.8280, 14.3818,

7.1668.

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

168.8280, 14.3818, 7.1668

Protanopia

167.1250, 17.1934, -8.0026

Deuteranopia

167.4850, 14.5509, -0.4253



Tritanopia

167.4720, 4.2043, 4.8481

Trichromacy



Original Color

168.8280, 14.3818, 7.1668

Protanomaly

167.9300, 16.3035, -2.5696

Deuteranomaly

168.0940, 14.2507, 2.5486

Tritanomaly

168.0960, 7.8407, 5.1778

Monochromacy



Original Color

168.8280, 14.3818, 7.1668

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.8030, 5.5201, 2.8038

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.8280, 14.3818, 7.1668 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, 159, 198)` looks like.

```
.text, #text, p{  
    color:rgb(177, 159, 198)  
}
```

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, 159, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 159, 198) }
```

Border

The CSS property to change the border of an element to YUV 168.8280, 14.3818, 7.1668 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, 159, 198) }
```


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

```
.border{ border-color:rgb(177, 159, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 159, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 159, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 159, 198);  
box-shadow:4px 4px 4px 4px rgb(177, 159,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 168.8280, 14.3818, 7.1668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 159, 198) }
```

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

```
.background{ background-color: rgb(177,  
159, 198) }
```

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](#).

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