

Converting Colors

YUV(167.3180, 11.1822, 6.7371)

Have a look what the booklet for
YUV(167.3180, 11.1822, 6.7371)
contains.

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Color

**YUV(167.3180, 11.1822,
6.7371)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9FBE
RGB	175, 159, 190
RGB Percent	69%, 62%, 75%
CMY	0.3137, 0.3765, 0.2549
CMYK	0.08, 0.16, 0.00, 0.25
HSL	271°, 19%, 68%
HSV	271°, 16%, 75%
XYZ	39.3716, 37.6279, 53.9030
YIQ	167.3180, -0.4150, 13.0330

Conversions

Conversions Part 2

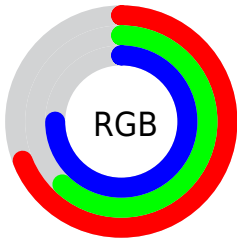
Format	Color
RYB	175, 159, 190
Decimal	11509694
CIELab	67.75, 11.75, -13.83
CIElCh	68, 18.145, 310.359
Yxy	37.6279, 0.3008, 0.2875
Android (android.graphics.Color)	4289699774 (0xFFAF9FBE)
YUV	167.3180, 11.1822, 6.7371
Hunter-Lab	61.3416, 7.2209, -9.1611

Details

The YUV color **167.3180, 11.1822, 6.7371** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **181.6820, -11.1822, -6.7371**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7310, 11.4716, 7.2519**, and **115.4920, 10.6034, 5.7075** is the 20% darker color. If you saturate the color by 10%, you get **153.4740, 18.0073, 10.9853**, and if you desaturate by 10%, it is **181.1620, 4.3571, 2.4889**.

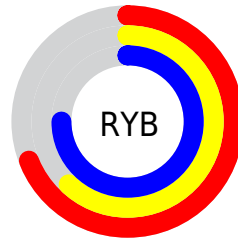
Distribution



Red (69%)

Green (62%)

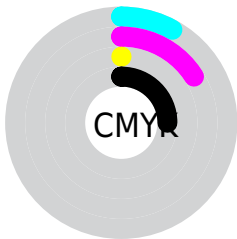
Blue (75%)



Red (69%)

Yellow (62%)

Blue (75%)

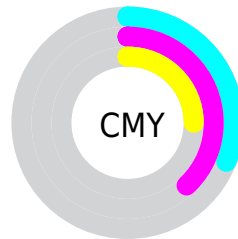


Cyan (8%)

Magenta (16%)

Yellow (0%)

Black (25%)



Cyan (31%)

Magenta (38%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.3180, 11.1822, 6.7371 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 167.3180, 11.1822, 6.7371 by changing the saturation by 10% instead.

■ 167.3180, 11.1822,
6.7371

■ 167.3180, 11.1822,
6.7371

255.0000, 0.0000,
0.0000

■ 140.9050, 10.8928,
6.2223

■ 222.7310, 11.4716,
7.2519

■ 115.4920, 10.6034,
5.7075

■ 247.3690, 3.7621,
6.6924

■ 90.3780, 10.1666,
5.8075

■ 66.9650, 9.8773,
5.2927

■ 44.7370, 9.0037,
5.4927

■ 23.9110, 8.4249,
4.4631

■ 2.3940, 9.1728,

-2.0995

■ 0.0000, 0.0000,
0.0000

■ 167.3180, 11.1822,
6.7371

■ 167.3180, 11.1822,
6.7371

■ 153.4740, 18.0073,
10.9853

■ 181.1620, 4.3571,
2.4889

■ 139.6300, 24.8324,
15.2335

■ 195.0060, -2.4680,
-1.7593

■ 125.4870, 31.8049,
18.8669

■ 209.1490, -9.4405,
-5.3927

■ 111.6430, 38.6300,
23.1151

■ 222.9930,
-16.2655, -9.6409

■ 97.7990, 45.4551,
27.3633

■ 236.8370,
-23.0906, -13.8890

83.9550, 52.2802,
31.6115

240.1150,
-24.7067, -8.8709

70.1110, 59.1053,
35.8597

242.8060,
-26.0334, -3.3379

55.9680, 66.0778,
39.4931

245.7960,
-27.5074, 2.8099

50.9620, 68.5457,
41.2523

247.5900,
-28.3919, 6.4986

Harmonies

Analogous

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



165.3590, 15.5990, -9.9618



167.3180, 11.1822, 6.7371



168.1580, 3.8661, 20.0324

Triad

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



167.3180, 11.1822, 6.7371



165.5220, -15.0473, 19.7132



158.8820, 5.4812, -31.4685

Complementary

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



167.3180, 11.1822, 6.7371



181.6820, -11.1822, -6.7371

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.



160.0590, -2.9871, -21.9767



167.3180, 11.1822, 6.7371



164.0320, -15.2988, 6.9879

Square

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



167.3180, 11.1822, 6.7371



167.0050, -10.8485, 26.3056



162.0840, -10.8874, -7.9667



159.2330, 13.1961, -32.6533

Rectangle

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



167.3180, 11.1822, 6.7371



168.1110, -1.5337, 25.3357



162.0840, -10.8874, -7.9667



159.2090, 2.8550, -29.1243

Sweetspot

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



167.3180, 11.1822, 6.7371



238.1620, 4.3571, 2.4889



171.9260, 8.9105, -11.3361



119.1080, 2.9048, 1.6593



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



167.3180, 11.1822, 6.7371



211.0610, 17.7179, 10.4705



171.8030, 8.9711, 15.9588



87.5210, 3.1941, 2.1741



42.5300, 56.9267, 34.6152



8.3180, 11.1822, 6.7371

Inverse Universe

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



169.9790, 1.9824, 17.5584



215.3870, 3.2602, 27.7246



177.1970, -8.9711, -15.9588



88.1470, 0.4205, 5.1331



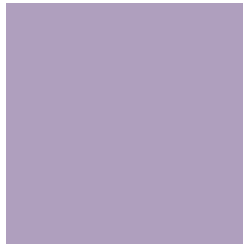
56.0200, 10.3431, 89.4365



10.9790, 1.9824, 17.5584

Previews

White Background



This preview shows how the YUV color 167.3180, 11.1822, 6.7371 looks on a white background.

Color Contrast Check

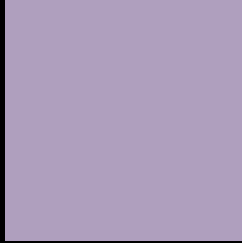
Large Text (above 18pt) WCAG AA × Fail

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 167.3180, 11.1822, 6.7371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

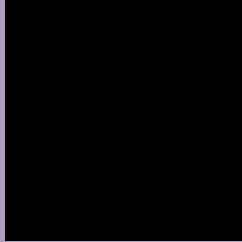
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.3180, 11.1822, 6.7371

Background



This preview shows how black text looks on a background with the YUV color 167.3180, 11.1822, 6.7371.



This preview shows how white text looks on a background with the YUV color 167.3180, 11.1822, 6.7371.

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

167.3180, 11.1822, 6.7371

Protanopia

165.8110, 13.4042, -5.9732

Deuteranopia

166.6980, 11.4879, 2.0189



Tritanopia

166.6570, 3.6201, 5.5628

Trichromacy



Original Color

167.3180, 11.1822, 6.7371

Protanomaly

166.3170, 12.6617, -1.1550

Deuteranomaly

166.7090, 11.4825, 3.7632

Tritanomaly

167.0530, 6.3829, 6.0925

Monochromacy



Original Color

167.3180, 11.1822, 6.7371

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.0480, 3.9203, 2.5889

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.3180, 11.1822, 6.7371 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(175, 159, 190)` looks like.

```
.text, #text, p{  
    color:rgb(175, 159, 190)  
}
```

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(175, 159, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 159, 190) }
```

Border

The CSS property to change the border of an element to YUV 167.3180, 11.1822, 6.7371 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(175, 159, 190) }
```


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

```
.border{ border-color:rgb(175, 159, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 159, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 159, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 159, 190);  
box-shadow:4px 4px 4px 4px rgb(175, 159,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 167.3180, 11.1822, 6.7371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 159, 190) }
```

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

```
.background{ background-color: rgb(175,  
159, 190) }
```

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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