

Converting Colors

YUV(147.8770, 16.8226,
17.6479)

Have a look what the booklet for
YUV(147.8770, 16.8226, 17.6479)
contains.

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Color

**YUV(147.8770, 16.8226,
17.6479)**

Conversions

Conversions Part 1

Format	Color
Hex	A883B6
RGB	168, 131, 182
RGB Percent	66%, 51%, 71%
CMY	0.3412, 0.4863, 0.2863
CMYK	0.08, 0.28, 0.00, 0.29
HSL	284°, 26%, 61%
HSV	284°, 28%, 71%
XYZ	32.7082, 27.9348, 47.9240
YIQ	147.8770, 5.6810, 23.7050

Conversions

Conversions Part 2

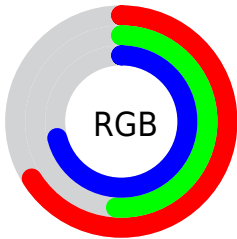
Format	Color
R _Y B	168, 131, 182
Decimal	11043766
CIE Lab	59.83, 23.53, -21.39
CIE LCh	60, 31.802, 317.723
Yxy	27.9348, 0.3013, 0.2573
Android (android.graphics.Color)	4289233846 (0xFFA883B6)
YUV	147.8770, 16.8226, 17.6479
Hunter-Lab	52.8534, 17.9710, -16.7629

Details

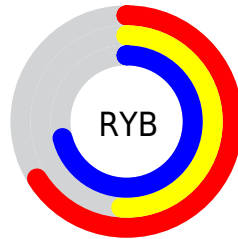
The YUV color **147.8770, 16.8226, 17.6479** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **165.1230, -16.8226, -17.6479**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1160, 17.6908, 19.1923**, and **96.6380, 15.9545, 16.1035** is the 20% darker color. If you saturate the color by 10%, you get **135.8160, 22.7687, 23.8404**, and if you desaturate by 10%, it is **159.9380, 10.8766, 11.4554**.

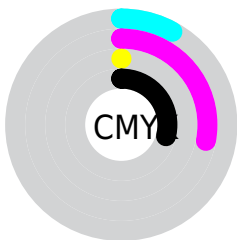
Distribution



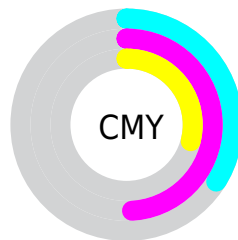
- Red (66%)
- Green (51%)
- Blue (71%)



- Red (66%)
- Yellow (51%)
- Blue (71%)



- Cyan (8%)
- Magenta (28%)
- Yellow (0%)
- Black (29%)




- Cyan (34%)
- Magenta (49%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.8770, 16.8226, 17.6479 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 147.8770, 16.8226, 17.6479 by changing the saturation by 10% instead.


 147.8770, 16.8226,
17.6479


 147.8770, 16.8226,
17.6479


255.0000, 0.0000,
0.0000

 122.0510, 16.2439,
16.6183


 202.1160, 17.6908,
19.1923


 96.6380, 15.9545,
16.1035


 228.8620, 12.8860,
20.2920

 72.8120, 15.3757,
15.0739

 246.7820, 4.0515,
7.2072

 49.2850, 14.6495,
14.6591

 27.4590, 14.0707,
13.6295

 11.7640, 11.4553,
12.4850

 1.0260, 3.9312,

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 147.8770, 16.8226,
17.6479

■ 147.8770, 16.8226,
17.6479

■ 135.8160, 22.7687,
23.8404

■ 159.9380, 10.8766,
11.4554

■ 123.7550, 28.7148,
30.0329

■ 171.9990, 4.9305,
5.2629

■ 111.1070, 34.9502,
36.7402

■ 184.6470, -1.3050,
-1.4444

■ 99.0460, 40.8963,
42.9327

■ 196.7080, -7.2510,
-7.6369

■ 86.9850, 46.8424,
49.1252

■ 208.7690,
-13.1971, -13.8294

■ 74.9240, 52.7885,
55.3177

■ 220.8300,
-19.1432, -20.0219

■ 62.8630, 58.7345,
61.5101

■ 231.1300,
-24.2211, -24.6700

■ 60.2160, 60.0395,
62.9546

■ 232.6250,
-24.9581, -21.5961

■ 234.1200,
-25.6952, -18.5222

Harmonies

Analogous

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



144.3940, 25.9348, -11.7465



147.8770, 16.8226, 17.6479



148.0940, 4.3907, 38.5056

Triad

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



147.8770, 16.8226, 17.6479



142.9930, -26.1255, 26.3161



124.7290, 17.3886, -70.7993

Complementary

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



147.8770, 16.8226, 17.6479



165.1230, -16.8226, -17.6479

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.



131.3010, -0.1484, -45.8680



147.8770, 16.8226, 17.6479



140.7900, -25.0395, 4.5692

Square

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



147.8770, 16.8226, 17.6479



144.9870, -20.2066, 41.2304



137.1550, -15.3594, -20.3069



125.5190, 29.3241, -72.3692

Rectangle

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



147.8770, 16.8226, 17.6479



147.1350, -4.5036, 44.6086



137.1550, -15.3594, -20.3069



126.9920, 11.8359, -63.1370

Sweetspot

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



147.8770, 16.8226, 17.6479



224.3520, 6.2355, 6.7073



145.0320, 18.2252, -12.3061



112.0590, 3.9149, 4.3333



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



147.8770, 16.8226, 17.6479



183.4620, 26.3942, 27.6588



150.8090, 9.9542, 27.3545



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.



147.8450, -1.4026, 29.9539



183.4280, -2.1830, 46.9826



162.1910, -9.9542, -27.3545



85.9190, -0.4531, 5.3330



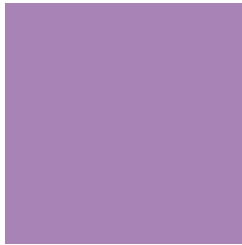
51.5460, -4.2132, 91.6062



9.2840, -0.6330, 16.4139

Previews

White Background



This preview shows how the YUV color 147.8770, 16.8226, 17.6479 looks on a white background.

Color Contrast Check

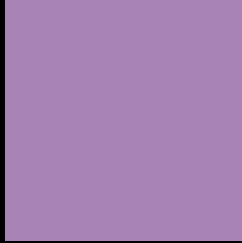
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.8770, 16.8226, 17.6479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

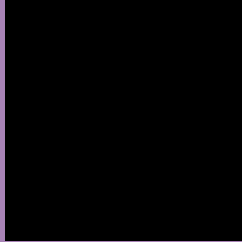
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.8770, 16.8226, 17.6479

Background



This preview shows how black text looks on a background with the YUV color 147.8770, 16.8226, 17.6479.



This preview shows how white text looks on a background with the YUV color 147.8770, 16.8226, 17.6479.

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

147.8770, 16.8226, 17.6479

Protanopia

144.7700, 22.2984, -12.0763

Deuteranopia

145.1470, 17.1825, -4.5139



Tritanopia

146.0280, 0.9722, 14.8844

Trichromacy



Original Color

147.8770, 16.8226, 17.6479

Protanomaly

145.9670, 20.2293, -1.7251

Deuteranomaly

145.9030, 17.3028, 3.5931

Tritanomaly

146.8200, 6.4977, 15.9439

Monochromacy



Original Color

147.8770, 16.8226, 17.6479

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.9390, 5.9461, 6.1925

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.8770, 16.8226, 17.6479 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(168, 131, 182)` looks like.

```
.text, #text, p{  
    color:rgb(168, 131, 182)  
}
```

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(168, 131, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 131, 182) }
```

Border

The CSS property to change the border of an element to YUV 147.8770, 16.8226, 17.6479 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(168, 131, 182) }
```


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

```
.border{ border-color:rgb(168, 131, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 131, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 131, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 131, 182);  
box-shadow:4px 4px 4px 4px rgb(168, 131,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 147.8770, 16.8226, 17.6479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 131, 182) }
```

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

```
.background{ background-color: rgb(168,  
131, 182) }
```

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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