

Converting Colors

YUV(166.7400, 17.8762, 6.3670)

Have a look what the booklet for
YUV(166.7400, 17.8762, 6.3670)
contains.

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Color

**YUV(166.7400, 17.8762,
6.3670)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9CCB
RGB	174, 156, 203
RGB Percent	68%, 61%, 80%
CMY	0.3176, 0.3882, 0.2039
CMYK	0.14, 0.23, 0.00, 0.20
HSL	263°, 31%, 70%
HSV	263°, 23%, 80%
XYZ	40.1235, 37.0874, 61.5438
YIQ	166.7400, -4.3590, 18.4330

Conversions

Conversions Part 2

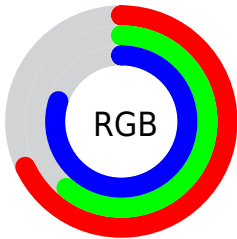
Format	Color
RYB	174, 156, 203
Decimal	11443403
CIELab	67.34, 15.84, -21.67
CIELCh	67, 26.844, 306.175
Yxy	37.0874, 0.2892, 0.2673
Android (android.graphics.Color)	4289633483 (0xFFAE9CCB)
YUV	166.7400, 17.8762, 6.3670
Hunter-Lab	60.8994, 11.0305, -17.2877

Details

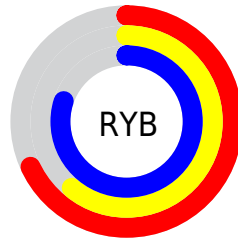
The YUV color **166.7400, 17.8762, 6.3670** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **192.2600, -17.8762, -6.3670**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6970, 16.4184, 7.2817**, and **114.8000, 16.8606, 5.4374** is the 20% darker color. If you saturate the color by 10%, you get **151.1130, 25.5803, 8.6709**, and if you desaturate by 10%, it is **182.3670, 10.1721, 4.0631**.

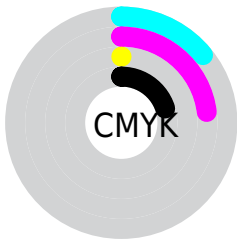
Distribution



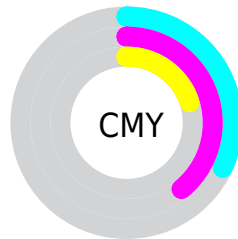
- Red (68%)
- Green (61%)
- Blue (80%)



- Red (68%)
- Yellow (61%)
- Blue (80%)



- Cyan (14%)
- Magenta (23%)
- Yellow (0%)
- Black (20%)



- Cyan (32%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.7400, 17.8762, 6.3670 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 166.7400, 17.8762, 6.3670 by changing the saturation by 10% instead.

■ 166.7400, 17.8762,
6.3670

■ 166.7400, 17.8762,
6.3670

■ 255.0000, 0.0000,
0.0000

■ 140.3270, 17.5868,
5.8522

■ 221.6970, 16.4184,
7.2817

■ 114.8000, 16.8606,
5.4374

■ 245.6080, 4.6303,
8.2368

■ 90.2730, 16.1344,
5.0226

■ 66.1590, 15.6976,
5.1226

■ 43.9200, 14.8294,
3.5782

■ 22.3930, 14.1033,
3.1633

■ 3.4200, 13.1039,

-2.9993

■ 0.0000, 0.0000,
0.0000

■ 166.7400, 17.8762,
6.3670

■ 166.7400, 17.8762,
6.3670

■ 151.1130, 25.5803,
8.6709

■ 182.3670, 10.1721,
4.0631

■ 135.1980, 33.4264,
12.1044

■ 198.2820, 2.3260,
0.6297

■ 119.5710, 41.1305,
14.4082

■ 213.9090, -5.3781,
-1.6742

■ 104.2430, 48.6872,
17.3269

■ 229.2370,
-12.9348, -4.5928

■ 88.6160, 56.3913,
19.6308

■ 243.6900,
-20.0602, -5.8671

■ 72.7010, 64.2374,
23.0642

■ 247.2780,
-21.8291, 1.5102

■ 57.0740, 71.9415,
25.3681

■ 249.0720,
-22.7135, 5.1989

■ 46.4640, 77.1722,
27.6571

Harmonies

Analogous

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



163.1820, 24.0673, -19.4536



166.7400, 17.8762, 6.3670



167.9400, 7.9176, 27.2396

Triad

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



166.7400, 17.8762, 6.3670



164.4540, -21.9158, 29.4198



152.9400, 7.4246, -48.1824

Complementary

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



166.7400, 17.8762, 6.3670



192.2600, -17.8762, -6.3670

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.



156.2060, -6.0176, -29.9987



166.7400, 17.8762, 6.3670



162.1160, -22.7352, 12.1763

Square

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



166.7400, 17.8762, 6.3670



166.1700, -14.3808, 39.3159



159.3630, -17.4340, -8.2114



152.1100, 19.6658, -54.4705

Rectangle

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



166.7400, 17.8762, 6.3670



167.3450, 0.3229, 36.5314



159.3630, -17.4340, -8.2114



153.5340, 3.1877, -42.5643

Sweetspot

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



166.7400, 17.8762, 6.3670



241.1450, 6.8305, 2.5038



178.9680, 11.8478, -20.1429



119.4500, 4.2151, 1.3593



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.



166.7400, 17.8762, 6.3670



200.1670, 27.0327, 9.5005



173.6170, 14.4858, 20.5069



94.3360, 3.7784, 1.4593



37.7610, 63.2218, 22.1346



8.8170, 14.3872, 5.4225

Inverse Universe

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



173.3590, 5.7390, 25.9952



210.2450, 8.7532, 39.2501



185.3830, -14.4858, -20.5069



95.6740, 1.1467, 5.5479



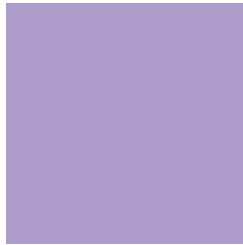
61.2620, 20.0838, 91.8552



14.0980, 4.8817, 20.9621

Previews

White Background



This preview shows how the YUV color 166.7400, 17.8762, 6.3670 looks on a white background.

Color Contrast Check

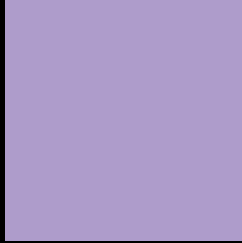
Large Text (above 18pt) WCAG AA × Fail

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 166.7400, 17.8762, 6.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

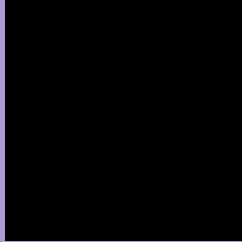
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.7400, 17.8762, 6.3670

Background



This preview shows how black text looks on a background with the YUV color 166.7400, 17.8762, 6.3670.



This preview shows how white text looks on a background with the YUV color 166.7400, 17.8762, 6.3670.

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

166.7400, 17.8762, 6.3670

Protanopia

164.4390, 20.9826, -10.0320

Deuteranopia

165.6740, 17.9087, -4.0991



Tritanopia

164.8740, 4.4991, 3.6185

Trichromacy



Original Color

166.7400, 17.8762, 6.3670

Protanomaly

165.5430, 19.9453, -3.9842

Deuteranomaly

165.9950, 17.7505, 0.0044

Tritanomaly

165.5520, 9.5879, 4.7779

Monochromacy



Original Color

166.7400, 17.8762, 6.3670

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.0310, 6.3937, 2.6038

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.7400, 17.8762, 6.3670 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(174, 156, 203)` looks like.

```
.text, #text, p{  
    color:rgb(174, 156, 203)  
}
```

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(174, 156, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 156, 203) }
```

Border

The CSS property to change the border of an element to YUV 166.7400, 17.8762, 6.3670 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(174, 156, 203) }
```


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

```
.border{ border-color:rgb(174, 156, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 156, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 156, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 156, 203);  
box-shadow:4px 4px 4px 4px rgb(174, 156,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 166.7400, 17.8762, 6.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 156, 203) }
```

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

```
.background{ background-color: rgb(174,  
156, 203) }
```

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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