

Converting Colors

YUV(163.7630, 16.3858,
17.7478)

Have a look what the booklet for
YUV(163.7630, 16.3858, 17.7478)
contains.

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Color

**YUV(163.7630, 16.3858,
17.7478)**

Conversions

Conversions Part 1

Format	Color
Hex	B893C5
RGB	184, 147, 197
RGB Percent	72%, 58%, 77%
CMY	0.2784, 0.4235, 0.2275
CMYK	0.07, 0.25, 0.00, 0.23
HSL	284°, 30%, 67%
HSV	284°, 25%, 77%
XYZ	40.2789, 35.0890, 57.4732
YIQ	163.7630, 6.0020, 23.3940

Conversions

Conversions Part 2

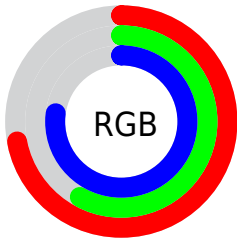
Format	Color
RYB	184, 147, 197
Decimal	12096453
CIELab	65.82, 22.90, -20.57
CIELCh	66, 30.781, 318.070
Yxy	35.0890, 0.3032, 0.2641
Android (android.graphics.Color)	4290286533 (0xFFB893C5)
YUV	163.7630, 16.3858, 17.7478
Hunter-Lab	59.2360, 17.7124, -16.0605

Details

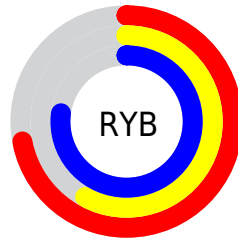
The YUV color **163.7630, 16.3858, 17.7478** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **180.2370, -16.3858, -17.7478**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.7030, 17.4014, 18.6775**, and **111.5240, 15.5177, 16.2035** is the 20% darker color. If you saturate the color by 10%, you get **150.5280, 22.9107, 24.9699**, and if you desaturate by 10%, it is **176.9980, 9.8610, 10.5258**.

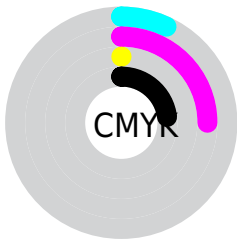
Distribution



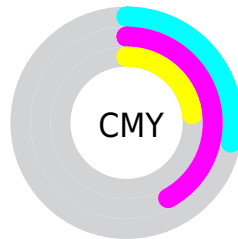
- Red (72%)
- Green (58%)
- Blue (77%)



- Red (72%)
- Yellow (58%)
- Blue (77%)



- Cyan (7%)
- Magenta (25%)
- Yellow (0%)
- Black (23%)



- Cyan (28%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.7630, 16.3858, 17.7478 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 163.7630, 16.3858, 17.7478 by changing the saturation by 10% instead.

163.7630, 16.3858,
17.7478

163.7630, 16.3858,
17.7478

255.0000, 0.0000,
0.0000

137.3500, 16.0965,
17.2331

218.7030, 17.4014,
18.6775

111.5240, 15.5177,
16.2035

239.7380, 7.5242,
13.3848

86.9970, 14.7915,
15.7886

63.2850, 14.6495,
14.6591

40.4590, 14.0707,
13.6295

18.3450, 13.6339,
13.7294

2.8500, 10.9200,

-2.4994

■ 0.0000, 0.0000,
0.0000

■ 163.7630, 16.3858,
17.7478

■ 163.7630, 16.3858,
17.7478

■ 150.5280, 22.9107,
24.9699

■ 176.9980, 9.8610,
10.5258

■ 137.8800, 29.1462,
31.6772

■ 189.6460, 3.6255,
3.8185

■ 124.6450, 35.6710,
38.8993

■ 202.8810, -2.8993,
-3.4036

■ 111.4100, 42.1959,
46.1214

■ 216.1160, -9.4242,
-10.6257

■ 97.8760, 48.8681,
52.7287

■ 229.6500,
-16.0964, -17.2330

■ 85.2280, 55.1036,
59.4360

■ 236.4280,
-19.4380, -18.7924

■ 71.9930, 61.6285,
66.6581

■ 237.9230,
-20.1750, -15.7185

■ 66.1120, 64.5278,
70.0618

■ 239.4180,
-20.9121, -12.6446

■ 240.9130,
-21.6491, -9.5707

Harmonies

Analogous

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



160.5790, 25.3506, -11.0318



163.7630, 16.3858, 17.7478



163.6810, 4.1013, 37.9908

Triad

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



163.7630, 16.3858, 17.7478



158.9930, -26.1255, 26.3161



144.0180, 15.7671, -64.0368

Complementary

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



163.7630, 16.3858, 17.7478



180.2370, -16.3858, -17.7478

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.



148.3120, -0.1538, -44.1236



163.7630, 16.3858, 17.7478



156.3170, -24.3133, 4.9840

Square

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



163.7630, 16.3858, 17.7478



160.9870, -20.2066, 41.2304



152.8670, -15.2174, -19.1774



145.2920, 26.9710, -64.2771

Rectangle

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



163.7630, 16.3858, 17.7478



163.0210, -4.9404, 44.7086



152.8670, -15.2174, -19.1774



145.0850, 10.8041, -58.8335

Sweetspot

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



163.7630, 16.3858, 17.7478



241.7650, 6.5249, 7.2221



160.3310, 18.0778, -11.6913



119.1730, 4.3517, 4.2333



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.



163.7630, 16.3858, 17.7478



204.4080, 24.9419, 26.8292



166.2820, 9.2280, 26.9397



93.1190, 2.8993, 3.4036



54.7610, 53.3618, 58.0916



11.8780, 11.8921, 12.3850

Inverse Universe

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



163.4320, -1.6920, 29.4391



203.8900, -2.9038, 44.8235



177.7180, -9.2280, -26.9397



92.9190, -0.4531, 5.3330



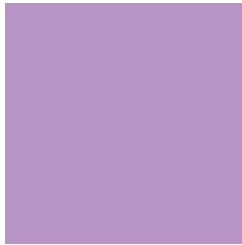
53.5250, -5.6818, 96.0096



11.7900, -1.3755, 21.2322

Previews

White Background



This preview shows how the YUV color 163.7630, 16.3858, 17.7478 looks on a white background.

Color Contrast Check

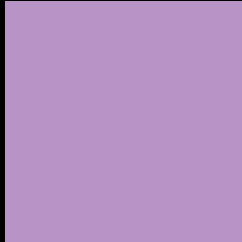
Large Text (above 18pt) WCAG AA × Fail

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 163.7630, 16.3858, 17.7478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

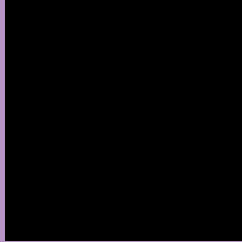
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.7630, 16.3858, 17.7478

Background



This preview shows how black text looks on a background with the YUV color 163.7630, 16.3858, 17.7478.



This preview shows how white text looks on a background with the YUV color 163.7630, 16.3858, 17.7478.

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

163.7630, 16.3858, 17.7478

Protanopia

160.3680, 22.0036, -10.8467

Deuteranopia

161.6310, 16.4509, -3.1844



Tritanopia

162.1420, 1.4090, 14.7845

Trichromacy



Original Color

163.7630, 16.3858, 17.7478

Protanomaly

161.5650, 19.9345, -0.4955

Deuteranomaly

162.0880, 16.7186, 4.3078

Tritanomaly

162.9340, 6.9345, 15.8439

Monochromacy



Original Color

163.7630, 16.3858, 17.7478

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.9390, 5.9461, 6.1925

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.7630, 16.3858, 17.7478 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(184, 147, 197)` looks like.

```
.text, #text, p{  
    color:rgb(184, 147, 197)  
}
```

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(184, 147, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 147, 197) }
```

Border

The CSS property to change the border of an element to YUV 163.7630, 16.3858, 17.7478 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(184, 147, 197) }
```


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

```
.border{ border-color:rgb(184, 147, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 147, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 147, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 147, 197);  
box-shadow:4px 4px 4px 4px rgb(184, 147,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 163.7630, 16.3858, 17.7478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 147, 197) }
```

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

```
.background{ background-color: rgb(184,  
147, 197) }
```

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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