

Converting Colors

YUV(117.7760, 16.8724,
48.4314)

Have a look what the booklet for
YUV(117.7760, 16.8724, 48.4314)
contains.

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Color

**YUV(117.7760, 16.8724,
48.4314)**

Conversions

Conversions Part 1

Format	Color
Hex	AD5398
RGB	173, 83, 152
RGB Percent	68%, 33%, 60%
CMY	0.3216, 0.6745, 0.4039
CMYK	0.00, 0.52, 0.12, 0.32
HSL	314°, 35%, 50%
HSV	314°, 52%, 68%
XYZ	25.9943, 17.3377, 31.6822
YIQ	117.7760, 31.4910, 40.5390

Conversions

Conversions Part 2

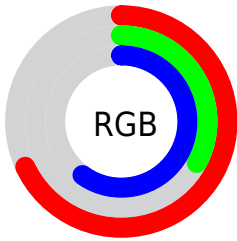
Format	Color
R_{YB}	173, 83, 152
Decimal	11359128
CIE _{Lab}	48.68, 45.75, -21.01
CIE _{LCh}	49, 50.339, 335.334
Yxy	17.3377, 0.3465, 0.2311
Android (android.graphics.Color)	4289549208 (0xFFAD5398)
YUV	117.7760, 16.8724, 48.4314
Hunter-Lab	41.6386, 38.5671, -15.9659

Details

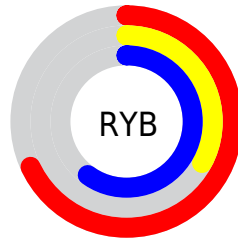
The YUV color **117.7760, 16.8724, 48.4314** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **138.2240, -16.8724, -48.4314**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.0860, 16.7196, 50.7906**, and **64.4060, 18.0408, 47.0019** is the 20% darker color. If you saturate the color by 10%, you get **107.3410, 20.0449, 57.5829**, and if you desaturate by 10%, it is **128.2110, 13.7000, 39.2800**.

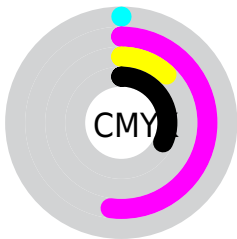
Distribution



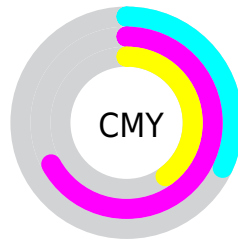
- Red (68%)
- Green (33%)
- Blue (60%)



- Red (68%)
- Yellow (33%)
- Blue (60%)



- Cyan (0%)
- Magenta (52%)
- Yellow (12%)
- Black (32%)



- Cyan (32%)
- Magenta (67%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.7760, 16.8724, 48.4314 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 117.7760, 16.8724, 48.4314 by changing the saturation by 10% instead.

■ 117.7760, 16.8724,
48.4314

■ 117.7760, 16.8724,
48.4314

■ 255.0000, 0.0000,
0.0000

■ 91.1780, 17.1672,
47.2019

■ 172.0860, 16.7196,
50.7906

■ 64.4060, 18.0408,
47.0019

■ 198.7160, 17.8880,
49.3611

■ 36.2860, 20.0720,
48.8612

■ 217.4320, 18.5210,
32.9471

■ 25.8900, 13.8582,
35.1765

■ 233.8680, 10.4181,
18.5328

■ 16.9180, 7.9284,
23.7509

■ 250.8910, 2.0257,
3.6036

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,

0.0000

■ 117.7760, 16.8724,
48.4314

■ 117.7760, 16.8724,
48.4314

■ 107.3410, 20.0449,
57.5829

■ 128.2110, 13.7000,
39.2800

■ 96.3190, 23.5067,
67.2492

■ 139.2330, 10.2381,
29.6137

■ 85.8840, 26.6792,
76.4007

■ 149.6680, 7.0657,
20.4622

■ 75.4490, 29.8516,
85.5522

■ 160.1030, 3.8932,
11.3107

■ 66.8890, 32.5927,
93.0593

■ 171.1250, 0.4314,
1.6444

■ 181.5600, -2.7411,
-7.5071

■ 191.9950, -5.9135,
-16.6586

■ 202.4300, -9.0860,
-25.8101

■ 213.4520,
-12.5478, -35.4764

Harmonies

Analogous

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



118.4640, 33.2952, 7.4861



117.7760, 16.8724, 48.4314



113.9730, -1.9587, 68.4297

Triad

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



117.7760, 16.8724, 48.4314



109.4270, -44.5805, 18.9195



97.9410, 32.5671, -85.8943

Complementary

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



117.7760, 16.8724, 48.4314



138.2240, -16.8724, -48.4314

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.



93.7400, 13.9322, -82.2100



117.7760, 16.8724, 48.4314



104.8230, -31.9577, -16.5078

Square

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



117.7760, 16.8724, 48.4314



112.0250, -37.9733, 46.4591



86.9630, -4.4188, -76.2666



97.7250, 46.9706, -85.7048

Rectangle

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



117.7760, 16.8724, 48.4314



113.1290, -15.3466, 69.1699



86.9630, -4.4188, -76.2666



97.0460, 26.5993, -85.1093

Sweetspot

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



117.7760, 16.8724, 48.4314



201.9560, 6.9237, 19.3326



99.5390, 36.2163, 3.9123



99.1030, 3.8932, 11.3107



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



117.7760, 16.8724, 48.4314



138.7590, 26.2478, 74.7564



112.6460, -2.7835, 52.9305



81.4890, 1.7309, 4.8331



57.9600, 28.1207, 80.7191



8.9290, 4.4720, 12.3403

Inverse Universe

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



117.7760, 16.8724, 48.4314



138.7590, 26.2478, 74.7564



143.3540, 2.7835, -52.9305



81.4890, 1.7309, 4.8331



57.9600, 28.1207, 80.7191



8.9290, 4.4720, 12.3403

Previews

White Background



This preview shows how the YUV color 117.7760, 16.8724, 48.4314 looks on a white 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

Black Background



This preview shows how the YUV color 117.7760, 16.8724, 48.4314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

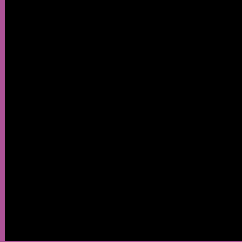
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.7760, 16.8724, 48.4314

Background



This preview shows how black text looks on a background with the YUV color 117.7760, 16.8724, 48.4314.



This preview shows how white text looks on a background with the YUV color 117.7760, 16.8724,

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

117.7760, 16.8724, 48.4314

Protanopia

115.0880, 30.0296, -18.4942

Deuteranopia

117.1640, 14.7091, -4.5288



Tritanopia

117.5110, -8.1399, 44.2789

Trichromacy



Original Color

117.7760, 16.8724, 48.4314

Protanomaly

116.2760, 25.0069, 5.8969

Deuteranomaly

117.5130, 15.5231, 14.4591

Tritanomaly

117.9270, 1.0220, 45.6680

Monochromacy



Original Color

117.7760, 16.8724, 48.4314

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.7170, 6.0555, 17.7882

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7760, 16.8724, 48.4314 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(173, 83, 152)` looks like.

```
.text, #text, p{  
    color:rgb(173, 83, 152)  
}
```

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(173, 83, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 83, 152) }
```

Border

The CSS property to change the border of an element to YUV 117.7760, 16.8724, 48.4314 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(173, 83, 152) }
```


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

```
.border{ border-color:rgb(173, 83, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 83, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 83, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 83, 152); box-shadow:4px 4px 4px 4px rgb(173, 83, 152) }
```

Background

The CSS property to change the background color of an element to YUV 117.7760, 16.8724, 48.4314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 83, 152) }
```

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

```
.background{ background-color: rgb(173, 83,  
152) }
```

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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