

Converting Colors

YUV(118.8700, 10.9101,
47.4720)

Have a look what the booklet for
YUV(118.8700, 10.9101, 47.4720)
contains.

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Color

**YUV(118.8700, 10.9101,
47.4720)**

Conversions

Conversions Part 1

Format	Color
Hex	AD578D
RGB	173, 87, 141
RGB Percent	68%, 34%, 55%
CMY	0.3216, 0.6588, 0.4471
CMYK	0.00, 0.50, 0.18, 0.32
HSL	322°, 34%, 51%
HSV	322°, 50%, 68%
XYZ	25.4495, 17.6237, 27.2597
YIQ	118.8700, 33.9220, 35.0260

Conversions

Conversions Part 2

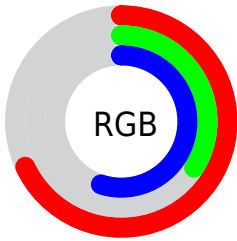
Format	Color
R_{YB}	173, 87, 141
Decimal	11360141
CIE _{Lab}	49.04, 41.94, -13.92
CIE _{LCh}	49, 44.188, 341.638
Yxy	17.6237, 0.3618, 0.2506
Android (android.graphics.Color)	4289550221 (0xFFAD578D)
YUV	118.8700, 10.9101, 47.4720
Hunter-Lab	41.9806, 34.7442, -9.1129

Details

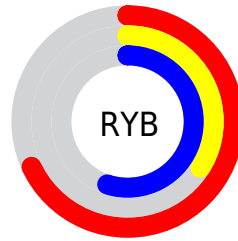
The YUV color **118.8700, 10.9101, 47.4720** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **141.1300, -10.9101, -47.4720**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.1800, 10.7573, 49.8311**, and **66.2010, 12.2259, 45.4277** is the 20% darker color. If you saturate the color by 10%, you get **108.2070, 13.2089, 56.8235**, and if you desaturate by 10%, it is **129.5330, 8.6112, 38.1206**.

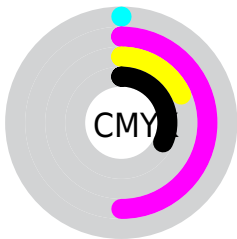
Distribution



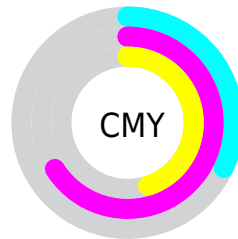
- Red (68%)
- Green (34%)
- Blue (55%)



- Red (68%)
- Yellow (34%)
- Blue (55%)



- Cyan (0%)
- Magenta (50%)
- Yellow (18%)
- Black (32%)



- Cyan (32%)
- Magenta (66%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.8700, 10.9101, 47.4720 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 118.8700, 10.9101, 47.4720 by changing the saturation by 10% instead.

■ 118.8700, 10.9101,
47.4720

■ 118.8700, 10.9101,
47.4720

■ 255.0000, 0.0000,
0.0000

■ 92.2720, 11.2049,
46.2425

■ 173.1800, 10.7573,
49.8311

■ 66.2010, 12.2259,
45.4277

■ 199.6960, 11.4889,
48.5016

■ 37.4940, 14.5465,
47.8018

■ 219.3240, 15.6163,
31.2879

■ 24.8640, 9.9270,
36.0763

■ 236.2160, 9.2605,
16.4736

■ 16.0060, 4.4340,
24.5507

■ 253.2390, 0.8682,
1.5444

■ 0.0000, 0.0000,
0.0000

118.8700, 10.9101,
47.4720

118.8700, 10.9101,
47.4720

108.2070, 13.2089,
56.8235

129.5330, 8.6112,
38.1206

96.8430, 15.3604,
66.7897

140.8970, 6.4598,
28.1543

86.1800, 17.6593,
76.1411

151.5600, 4.1609,
18.8029

75.4030, 19.5213,
85.5926

162.3370, 2.2989,
9.3515

64.7400, 21.8202,
94.9440

173.5870, -0.2894,
-0.5148

64.1530, 22.1096,
95.4588

184.3640, -2.1515,
-9.9662

195.0270, -4.4503,
-19.3177

205.6900, -6.7492,

-28.6691

 217.0540, -8.9006,
-38.6354

Harmonies

Analogous

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



120.2710, 25.9954, 15.5483



118.8700, 10.9101, 47.4720



116.0770, -6.4470, 61.3225

Triad

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



118.8700, 10.9101, 47.4720



110.9620, -35.9703, 10.5573



96.8810, 33.5827, -84.9646

Complementary

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



118.8700, 10.9101, 47.4720



141.1300, -10.9101, -47.4720

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.



94.0650, 17.7160, -82.4950



118.8700, 10.9101, 47.4720



106.2660, -23.7951, -21.2813

Square

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



118.8700, 10.9101, 47.4720



113.7680, -34.8886, 37.0375



88.5590, 1.6964, -77.6662



95.8670, 44.9286, -84.0754

Rectangle

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



118.8700, 10.9101, 47.4720



115.3790, -17.9348, 59.3036



88.5590, 1.6964, -77.6662



96.3280, 28.9253, -84.4797

Sweetspot

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



118.8700, 10.9101, 47.4720



203.2610, 4.3083, 18.1881



106.3720, 32.8476, 11.0748



99.4620, 2.7302, 10.9958



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.



118.8700, 10.9101, 47.4720



139.6420, 16.9385, 73.9820



113.9680, -7.8722, 51.7711



81.2610, 0.8573, 5.0331



55.5660, 18.9480, 82.8186



8.4730, 2.7248, 12.7402

Inverse Universe

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



118.8700, 10.9101, 47.4720



139.6420, 16.9385, 73.9820



146.0320, 7.8722, -51.7711



81.2610, 0.8573, 5.0331



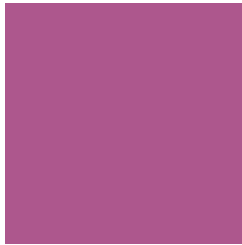
55.5660, 18.9480, 82.8186



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 118.8700, 10.9101, 47.4720 looks on a white background.

Color Contrast Check

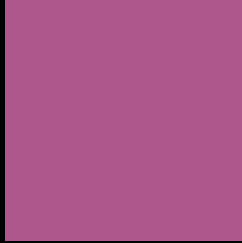
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.8700, 10.9101, 47.4720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

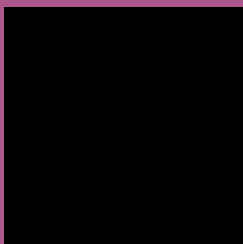
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.8700, 10.9101, 47.4720

Background



This preview shows how black text looks on a background with the YUV color 118.8700, 10.9101, 47.4720.



This preview shows how white text looks on a background with the YUV color 118.8700, 10.9101,

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

118.8700, 10.9101, 47.4720

Protanopia

116.6560, 21.8616, -11.9763

Deuteranopia

118.0030, 8.8725, 0.8744



Tritanopia

117.9240, -7.8505, 44.7937

Trichromacy



Original Color

118.8700, 10.9101, 47.4720

Protanomaly

117.4630, 18.0127, 9.2409

Deuteranomaly

118.3410, 9.6919, 18.1179

Tritanomaly

118.0580, -1.0146, 45.5531

Monochromacy



Original Color

118.8700, 10.9101, 47.4720

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8480, 4.0189, 17.6733

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.8700, 10.9101, 47.4720 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, 87, 141)` looks like.

```
.text, #text, p{  
    color:rgb(173, 87, 141)  
}
```

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, 87, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 87, 141) }
```

Border

The CSS property to change the border of an element to YUV 118.8700, 10.9101, 47.4720 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, 87, 141) }
```


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

```
.border{ border-color:rgb(173, 87, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 87, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 87, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 87, 141);  
box-shadow:4px 4px 4px 4px rgb(173, 87,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 118.8700, 10.9101, 47.4720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 87, 141) }
```

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

```
.background{ background-color: rgb(173, 87,  
141) }
```

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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