

Converting Colors

YUV(115.5880, 8.5841, 46.8423)

Have a look what the booklet for
YUV(115.5880, 8.5841, 46.8423)
contains.

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Color

**YUV(115.5880, 8.5841,
46.8423)**

Conversions

Conversions Part 1

Format	Color
Hex	A95585
RGB	169, 85, 133
RGB Percent	66%, 33%, 52%
CMY	0.3373, 0.6667, 0.4784
CMYK	0.00, 0.50, 0.21, 0.34
HSL	326°, 33%, 50%
HSV	326°, 50%, 66%
XYZ	23.8443, 16.6255, 24.1426
YIQ	115.5880, 34.6560, 32.7360

Conversions

Conversions Part 2

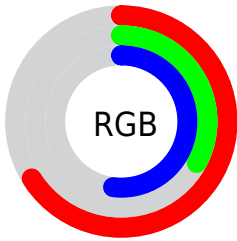
Format	Color
R_{YB}	169, 85, 133
Decimal	11097477
CIE _{Lab}	47.78, 40.41, -11.08
CIE _{LCh}	48, 41.902, 344.669
Yxy	16.6255, 0.3690, 0.2573
Android (android.graphics.Color)	4289287557 (0xFFA95585)
YUV	115.5880, 8.5841, 46.8423
Hunter-Lab	40.7743, 33.0295, -6.5637

Details

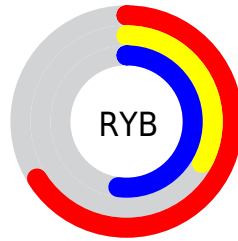
The YUV color **115.5880, 8.5841, 46.8423** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **138.4120, -8.5841, -46.8423**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1970, 8.2839, 49.8162**, and **63.5060, 9.6105, 44.2832** is the 20% darker color. If you saturate the color by 10%, you get **104.8110, 10.4462, 56.2938**, and if you desaturate by 10%, it is **126.3650, 6.7221, 37.3909**.

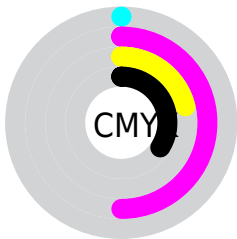
Distribution



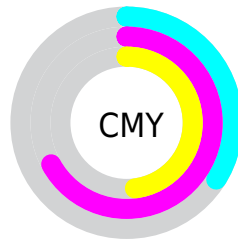
- Red (66%)
- Green (33%)
- Blue (52%)



- Red (66%)
- Yellow (33%)
- Blue (52%)



- Cyan (0%)
- Magenta (50%)
- Yellow (21%)
- Black (34%)



- Cyan (34%)
- Magenta (67%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.5880, 8.5841, 46.8423 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 115.5880, 8.5841, 46.8423 by changing the saturation by 10% instead.


 115.5880, 8.5841,
46.8423

 115.5880, 8.5841,
46.8423


255.0000, 0.0000,
0.0000


 89.6910, 9.0263,
44.9980


 169.1970, 8.2839,
49.8162


 63.5060, 9.6105,
44.2832


 196.9090, 8.4259,
50.9458

 34.9130, 12.3679,
46.5573

 216.5370, 12.5533,
33.7321

 23.1690, 7.3117,
34.9318

 234.4550, 10.1287,
18.0180

 14.1970, 1.3819,
23.5062

 251.4780, 1.7363,
3.0888

 0.0000, 0.0000,
0.0000

■ 115.5880, 8.5841,
46.8423

■ 115.5880, 8.5841,
46.8423

■ 104.8110, 10.4462,
56.2938

■ 126.3650, 6.7221,
37.3909

■ 94.0340, 12.3082,
65.7452

■ 137.1420, 4.8600,
27.9395

■ 83.1430, 13.7335,
75.2966

■ 148.0330, 3.4347,
18.3881

■ 72.3660, 15.5956,
84.7480

■ 158.8100, 1.5727,
8.9366

■ 62.1760, 17.1682,
93.6846

■ 169.0000, 0.0000,
0.0000

■ 61.5890, 17.4576,
94.1994

■ 179.7770, -1.8621,
-9.4514

■ 190.6680, -3.2873,
-19.0028

■ 201.4450, -5.1494,

-28.4543

 212.2220, -7.0114,
-37.9057

Harmonies

Analogous

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



116.8970, 23.2218, 18.5073



115.5880, 8.5841, 46.8423



113.3000, -8.0359, 57.6189

Triad

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



115.5880, 8.5841, 46.8423



108.3360, -33.1966, 7.5983



94.1910, 33.4298, -82.6055

Complementary

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



115.5880, 8.5841, 46.8423



138.4120, -8.5841, -46.8423

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.



91.7170, 18.8735, -80.4358



115.5880, 8.5841, 46.8423



103.3520, -20.8795, -23.1107

Square

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



115.5880, 8.5841, 46.8423



110.7890, -33.4200, 32.6340



86.9120, 3.0014, -76.2218



92.2480, 43.7547, -80.9015

Rectangle

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



115.5880, 8.5841, 46.8423



112.5310, -18.5028, 54.7853



86.9120, 3.0014, -76.2218



93.7520, 29.2093, -82.2205

Sweetspot

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



115.5880, 8.5841, 46.8423



198.0330, 3.4347, 18.3881



105.0410, 31.5318, 13.1190



97.2340, 1.8566, 11.1958



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



115.5880, 8.5841, 46.8423



135.7190, 13.4495, 73.0374



110.9140, -9.3246, 50.9414



78.9620, 1.0047, 4.4183



53.9420, 15.3116, 82.4889



7.3480, 2.2934, 11.0958

Inverse Universe

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



115.5880, 8.5841, 46.8423



135.7190, 13.4495, 73.0374



143.0860, 9.3246, -50.9414



78.9620, 1.0047, 4.4183



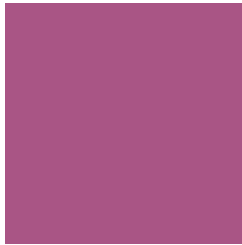
53.9420, 15.3116, 82.4889



7.3480, 2.2934, 11.0958

Previews

White Background



This preview shows how the YUV color 115.5880, 8.5841, 46.8423 looks on a white background.

Color Contrast Check

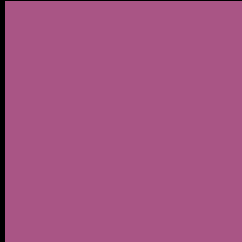
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.5880, 8.5841, 46.8423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

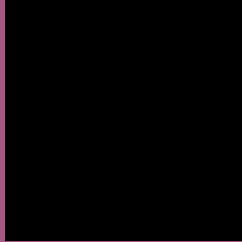
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.5880, 8.5841, 46.8423

Background



This preview shows how black text looks on a background with the YUV color 115.5880, 8.5841, 46.8423.



This preview shows how white text looks on a background with the YUV color 115.5880, 8.5841,

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

115.5880, 8.5841, 46.8423

Protanopia

114.4560, 18.5092, -10.0469

Deuteranopia

115.1450, 6.8305, 2.5038



Tritanopia

114.9240, -7.8505, 44.7937

Trichromacy



Original Color

115.5880, 8.5841, 46.8423

Protanomaly

114.9640, 14.8077, 10.5556

Deuteranomaly

115.6570, 7.0711, 18.7178

Tritanomaly

114.8300, -1.8882, 45.7531

Monochromacy



Original Color

115.5880, 8.5841, 46.8423

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9080, 3.0034, 16.7437

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.5880, 8.5841, 46.8423 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(169, 85, 133)` looks like.

```
.text, #text, p{  
    color:rgb(169, 85, 133)  
}
```

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(169, 85, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 85, 133) }
```

Border

The CSS property to change the border of an element to YUV 115.5880, 8.5841, 46.8423 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(169, 85, 133) }
```


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

```
.border{ border-color:rgb(169, 85, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 85, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 85, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 85, 133);  
box-shadow:4px 4px 4px 4px rgb(169, 85,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 115.5880, 8.5841, 46.8423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 85, 133) }
```

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

```
.background{ background-color: rgb(169, 85,  
133) }
```

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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