

Converting Colors

YUV(118.3550, 5.2480, 43.5387)

Have a look what the booklet for
YUV(118.3550, 5.2480, 43.5387)
contains.

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Color

**YUV(118.3550, 5.2480,
43.5387)**

Conversions

Conversions Part 1

Format	Color
Hex	A85B81
RGB	168, 91, 129
RGB Percent	66%, 36%, 51%
CMY	0.3412, 0.6431, 0.4941
CMYK	0.00, 0.46, 0.23, 0.34
HSL	330°, 31%, 51%
HSV	330°, 46%, 66%
XYZ	23.8520, 17.3920, 22.8687
YIQ	118.3550, 33.6940, 28.1420

Conversions

Conversions Part 2

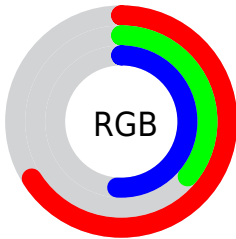
Format	Color
R_{YB}	168, 91, 129
Decimal	11033473
CIE _{Lab}	48.75, 36.28, -7.25
CIE _{LCh}	49, 36.999, 348.706
Yxy	17.3920, 0.3720, 0.2713
Android (android.graphics.Color)	4289223553 (0xFFA85B81)
YUV	118.3550, 5.2480, 43.5387
Hunter-Lab	41.7037, 29.1097, -3.3198

Details

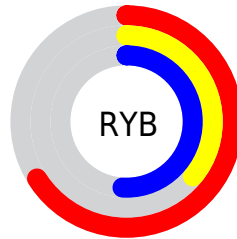
The YUV color **118.3550, 5.2480, 43.5387** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **140.6450, -5.2480, -43.5387**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9640, 4.9477, 46.5126**, and **67.2730, 6.2744, 40.9796** is the 20% darker color. If you saturate the color by 10%, you get **107.3500, 6.2365, 53.1901**, and if you desaturate by 10%, it is **129.3600, 4.2595, 33.8873**.

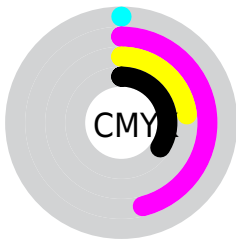
Distribution



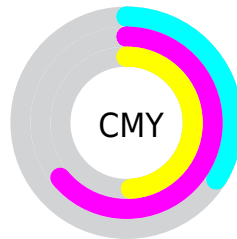
- Red (66%)
- Green (36%)
- Blue (51%)



- Red (66%)
- Yellow (36%)
- Blue (51%)



- Cyan (0%)
- Magenta (46%)
- Yellow (23%)
- Black (34%)



- Cyan (34%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.3550, 5.2480, 43.5387 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 118.3550, 5.2480, 43.5387 by changing the saturation by 10% instead.


 118.3550, 5.2480,
43.5387


 118.3550, 5.2480,
43.5387


255.0000, 0.0000,
0.0000


 92.7570, 5.5428,
42.3091


 171.9640, 4.9477,
46.5126

 67.2730, 6.2744,
40.9796


 199.5620, 4.6529,
47.7421

 41.6150, 7.5848,
40.6796

 219.6030, 9.0697,
31.0432

 22.5280, 6.1487,
34.6169

 237.9770, 8.3923,
14.9292

 14.0400, -0.5127,
24.5209

 0.0000, 0.0000,
0.0000

■ 118.3550, 5.2480,
43.5387

■ 118.3550, 5.2480,
43.5387

■ 107.3500, 6.2365,
53.1901

■ 129.3600, 4.2595,
33.8873

■ 96.4590, 7.6617,
62.7415

■ 140.2510, 2.8343,
24.3359

■ 86.0410, 8.3608,
71.8780

■ 150.6690, 2.1352,
15.1993

■ 75.1500, 9.7861,
81.4295

■ 161.5600, 0.7099,
5.6479

■ 64.1450, 10.7745,
91.0808

■ 172.5650, -0.2785,
-4.0035


■ 59.6940, 11.4899,
94.9844

■ 183.4560, -1.7038,
-13.5549

■ 194.4610, -2.6923,
-23.2063

■ 204.7650, -3.8281,

-32.2429

 215.7700, -4.8166,
-41.8943

Harmonies

Analogous

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



119.3550, 18.5590, 20.7367



118.3550, 5.2480, 43.5387



116.8000, -9.7614, 51.0414

Triad

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



118.3550, 5.2480, 43.5387



110.9810, -28.0916, 3.5247



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.



118.3550, 5.2480, 43.5387



140.6450, -5.2480, -43.5387

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.



92.8740, 20.7681, -81.4505



118.3550, 5.2480, 43.5387



106.4920, -16.5116, -24.1105

Square

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



118.3550, 5.2480, 43.5387



113.9670, -30.0567, 27.2159



95.2170, 3.8370, -64.2113



98.9570, 38.4752, -67.4913

Rectangle

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



118.3550, 5.2480, 43.5387



115.7860, -18.6285, 48.4227



95.2170, 3.8370, -64.2113



93.8660, 29.6461, -82.3205

Sweetspot

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



118.3550, 5.2480, 43.5387



199.6800, 2.1298, 16.9436



111.4390, 27.8846, 16.2780



97.7070, 1.1304, 10.7810



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.



118.3550, 5.2480, 43.5387



141.6060, 8.0822, 67.8745



114.0230, -11.3503, 47.3378



78.8480, 0.5679, 4.5183



52.5740, 10.0700, 83.6886



7.1200, 1.4198, 11.2958

Inverse Universe

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



118.3550, 5.2480, 43.5387



141.6060, 8.0822, 67.8745



144.9770, 11.3503, -47.3378



78.8480, 0.5679, 4.5183



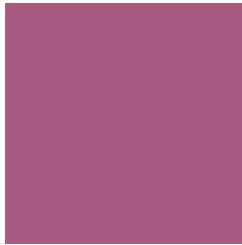
52.5740, 10.0700, 83.6886



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 118.3550, 5.2480, 43.5387 looks on a white background.

Color Contrast Check

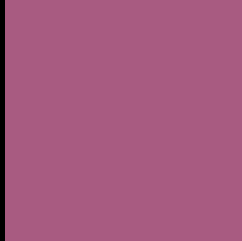
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.3550, 5.2480, 43.5387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

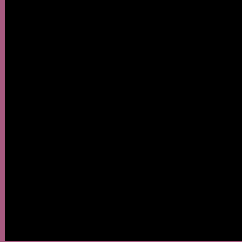
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 118.3550, 5.2480, 43.5387

Background



This preview shows how black text looks on a background with the YUV color 118.3550, 5.2480, 43.5387.



This preview shows how white text looks on a background with the YUV color 118.3550, 5.2480,

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

118.3550, 5.2480, 43.5387

Protanopia

116.6260, 13.9884, -6.6880

Deuteranopia

117.3580, 3.7675, 4.9480



Tritanopia

117.4290, -7.1135, 41.7198

Trichromacy



Original Color

118.3550, 5.2480, 43.5387

Protanomaly

116.9380, 10.8766, 11.4554

Deuteranomaly

117.5600, 4.1609, 18.8029

Tritanomaly

117.5800, -2.7509, 42.4643

Monochromacy



Original Color

118.3550, 5.2480, 43.5387

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9680, 1.9878, 15.8141

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.3550, 5.2480, 43.5387 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(168, 91, 129)` looks like.

```
.text, #text, p{  
    color:rgb(168, 91, 129)  
}
```

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(168, 91, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 91, 129) }
```

Border

The CSS property to change the border of an element to YUV 118.3550, 5.2480, 43.5387 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(168, 91, 129) }
```


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

```
.border{ border-color:rgb(168, 91, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 91, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 91, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 91, 129);  
box-shadow:4px 4px 4px 4px rgb(168, 91,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 118.3550, 5.2480, 43.5387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 91, 129) }
```

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

```
.background{ background-color: rgb(168, 91,  
129) }
```

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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