

Converting Colors

YUV(117.3550, 5.2480, 43.5387)

Have a look what the booklet for
YUV(117.3550, 5.2480, 43.5387)
contains.

YUV(117.3550, 5.2480, 43.5387)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(117.3550, 5.2480,
43.5387)**

Conversions

Conversions Part 1

Format	Color
Hex	A75A80
RGB	167, 90, 128
RGB Percent	65%, 35%, 50%
CMY	0.3451, 0.6471, 0.4980
CMYK	0.00, 0.46, 0.23, 0.35
HSL	330°, 30%, 50%
HSV	330°, 46%, 65%
XYZ	23.4888, 17.0863, 22.4821
YIQ	117.3550, 33.6940, 28.1420

Conversions

Conversions Part 2

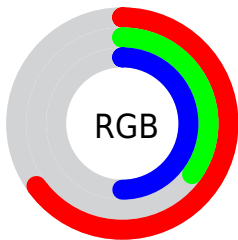
Format	Color
R_{YB}	167, 90, 128
Decimal	10967680
CIE Lab	48.37, 36.32, -7.23
CIE LCh	48, 37.031, 348.741
Yxy	17.0863, 0.3725, 0.2710
Android (android.graphics.Color)	4289157760 (0xFFA75A80)
YUV	117.3550, 5.2480, 43.5387
Hunter-Lab	41.3356, 29.0946, -3.3124

Details

The YUV color **117.3550, 5.2480, 43.5387** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **139.6450, -5.2480, -43.5387**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.9640, 4.9477, 46.5126**, and **66.2730, 6.2744, 40.9796** is the 20% darker color. If you saturate the color by 10%, you get **106.4640, 6.6732, 53.0901**, and if you desaturate by 10%, it is **128.2460, 3.8227, 33.9873**.

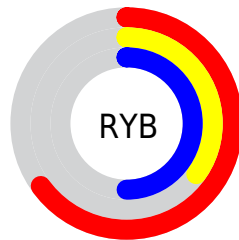
Distribution



Red (65%)

Green (35%)

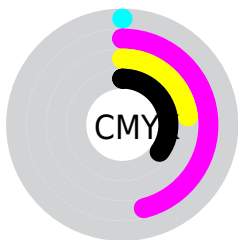
Blue (50%)



Red (65%)

Yellow (35%)

Blue (50%)

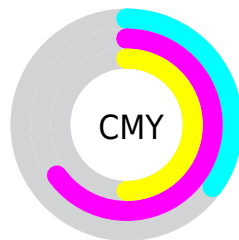


Cyan (0%)

Magenta (46%)

Yellow (23%)

Black (35%)



Cyan (35%)

Magenta (65%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.3550, 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 117.3550, 5.2480, 43.5387 by changing the saturation by 10% instead.


 117.3550, 5.2480,
43.5387


 117.3550, 5.2480,
43.5387


255.0000, 0.0000,
0.0000

 91.7570, 5.5428,
42.3091


 170.9640, 4.9477,
46.5126

 66.2730, 6.2744,
40.9796


 198.5620, 4.6529,
47.7421

 40.6150, 7.5848,
40.6796

 218.9020, 8.9223,
31.6579

 22.2290, 6.2961,
34.0022

 237.3900, 8.6817,
15.4440

 13.3280, -0.6547,
23.3913

254.4130, 0.2894,
0.5148

 0.0000, 0.0000,
0.0000

117.3550, 5.2480,
43.5387

117.3550, 5.2480,
43.5387

106.4640, 6.6732,
53.0901

128.2460, 3.8227,
33.9873

96.0460, 7.3723,
62.2267

138.6640, 3.1236,
24.8507

85.1550, 8.7976,
71.7781

149.5550, 1.6984,
15.2993

74.1500, 9.7860,
81.4294

160.5600, 0.7099,
5.6479

63.2590, 11.2113,
90.9809

170.8640, -0.4260,
-3.3887

59.2810, 11.2005,
94.4696

181.8690, -1.4144,
-13.0401

192.7600, -2.8397,
-22.5915

203.7650, -3.8281,

-32.2429

 214.0690, -4.9640,
-41.2795

Harmonies

Analogous

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



118.3550, 18.5590, 20.7367



117.3550, 5.2480, 43.5387



115.8000, -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.



117.3550, 5.2480, 43.5387



109.9810, -28.0916, 3.5247



93.4900, 33.2824, -81.9907

Complementary

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



117.3550, 5.2480, 43.5387



139.6450, -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.



92.1730, 20.6207, -80.8357



117.3550, 5.2480, 43.5387



105.4920, -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.



117.3550, 5.2480, 43.5387



112.9670, -30.0567, 27.2159



93.9180, 3.9844, -64.8261



97.3590, 38.7700, -68.7208

Rectangle

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



117.3550, 5.2480, 43.5387



114.7860, -18.6285, 48.4227



93.9180, 3.9844, -64.8261



93.1650, 29.4987, -81.7057

Sweetspot

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



117.3550, 5.2480, 43.5387



196.9790, 1.9824, 17.5584



110.1400, 28.0320, 15.6632



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.



117.3550, 5.2480, 43.5387



140.1930, 7.7929, 67.3597



113.0230, -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.



117.3550, 5.2480, 43.5387



140.1930, 7.7929, 67.3597



143.9770, 11.3503, -47.3378



78.8480, 0.5679, 4.5183



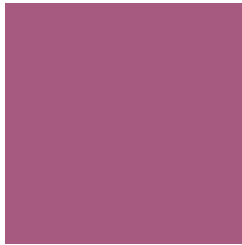
52.5740, 10.0700, 83.6886



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 117.3550, 5.2480, 43.5387 looks on a white background.

Color Contrast Check

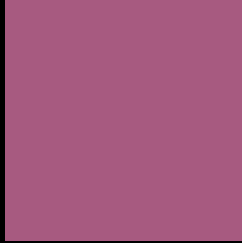
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.3550, 5.2480, 43.5387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

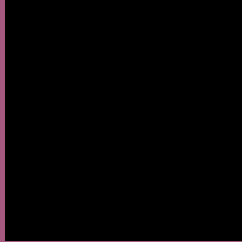
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.3550, 5.2480, 43.5387

Background



This preview shows how black text looks on a background with the YUV color 117.3550, 5.2480, 43.5387.



This preview shows how white text looks on a background with the YUV color 117.3550, 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

117.3550, 5.2480, 43.5387

Protanopia

115.6260, 13.9884, -6.6880

Deuteranopia

116.3580, 3.7675, 4.9480



Tritanopia

116.4290, -7.1135, 41.7198

Trichromacy



Original Color

117.3550, 5.2480, 43.5387

Protanomaly

115.9380, 10.8766, 11.4554

Deuteranomaly

116.5600, 4.1609, 18.8029

Tritanomaly

116.5800, -2.7509, 42.4643

Monochromacy



Original Color

117.3550, 5.2480, 43.5387

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.9680, 1.9878, 15.8141

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.3550, 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(167, 90, 128)` looks like.

```
.text, #text, p{  
    color:rgb(167, 90, 128)  
}
```

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(167, 90, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 90, 128) }
```

Border

The CSS property to change the border of an element to YUV 117.3550, 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(167, 90, 128) }
```


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

```
.border{ border-color:rgb(167, 90, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 90, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 90, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 90, 128); box-shadow:4px 4px 4px 4px rgb(167, 90, 128) }
```

Background

The CSS property to change the background color of an element to YUV 117.3550, 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(167, 90, 128) }
```

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

```
.background{ background-color: rgb(167, 90,  
128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor