

# Converting Colors

YUV(123.3550, 5.2480, 43.5387)

Have a look what the booklet for  
YUV(123.3550, 5.2480, 43.5387)  
contains.

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# Color

**YUV(123.3550, 5.2480,  
43.5387)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD6086
RGB	173, 96, 134
RGB Percent	68%, 38%, 53%
CMY	0.3216, 0.6235, 0.4745
CMYK	0.00, 0.45, 0.23, 0.32
HSL	330°, 32%, 53%
HSV	330°, 45%, 68%
XYZ	25.7195, 18.9712, 24.8605
YIQ	123.3550, 33.6940, 28.1420

# Conversions

## Conversions Part 2

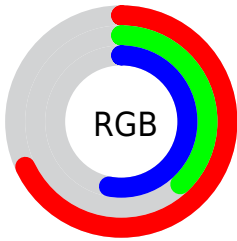
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 96, 134
Decimal	11362438
CIE Lab	50.65, 36.10, -7.32
CIE LCh	51, 36.839, 348.539
Yxy	18.9712, 0.3698, 0.2728
Android (android.graphics.Color)	4289552518 (0xFFAD6086)
YUV	123.3550, 5.2480, 43.5387
Hunter-Lab	43.5560, 29.1803, -3.3519

# Details

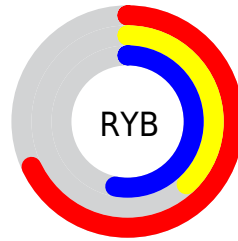
The YUV color **123.3550, 5.2480, 43.5387** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **145.6450, -5.2480, -43.5387**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9640, 4.9477, 46.5126**, and **72.1590, 5.8376, 41.0796** is the 20% darker color. If you saturate the color by 10%, you get **112.3500, 6.2365, 53.1901**, and if you desaturate by 10%, it is **134.3600, 4.2595, 33.8873**.

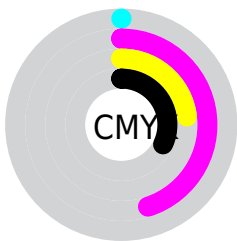
# Distribution



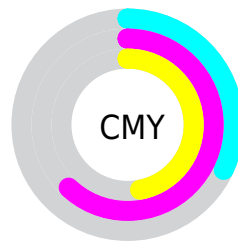
- Red (68%)
- Green (38%)
- Blue (53%)



- Red (68%)
- Yellow (38%)
- Blue (53%)



- Cyan (0%)
- Magenta (45%)
- Yellow (23%)
- Black (32%)



- Cyan (32%)
- Magenta (62%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 123.3550, 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 123.3550, 5.2480, 43.5387 by changing the saturation by 10% instead.





 123.3550, 5.2480,  
43.5387

 123.3550, 5.2480,  
43.5387


255.0000, 0.0000,  
0.0000

 97.4580, 5.6902,  
41.6943


 176.9640, 4.9477,  
46.5126


 72.1590, 5.8376,  
41.0796


 203.4800, 5.6794,  
45.1830

 46.7890, 7.0060,  
39.6500

 223.1080, 9.8068,  
27.9693

 24.4790, 7.1589,  
37.2909

 241.4990, 6.6560,  
11.8404

 15.9200, 1.5184,  
26.3802

 0.0000, 0.0000,  
0.0000

123.3550, 5.2480,  
43.5387

123.3550, 5.2480,  
43.5387

112.3500, 6.2365,  
53.1901

134.3600, 4.2595,  
33.8873

100.7580, 7.5143,  
63.3562

145.9520, 2.9817,  
23.7211

89.8670, 8.9396,  
72.9076

156.8430, 1.5564,  
14.1697

78.8620, 9.9280,  
82.5590

167.8480, 0.5679,  
4.5183

67.2700, 11.2059,  
92.7252

179.4400, -0.7099,  
-5.6479

61.4170, 11.6264,  
97.8583

190.4450, -1.6984,  
-15.2993

201.3360, -3.1236,  
-24.8507

212.3410, -4.1121,

-34.5021

 223.9330, -5.3900,  
-44.6682

# Harmonies

## Analogous

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



124.3550, 18.5590, 20.7367



123.3550, 5.2480, 43.5387



121.2130, -9.4720, 51.5562

# Triad

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



123.3550, 5.2480, 43.5387



115.9810, -28.0916, 3.5247



97.6960, 34.1669, -85.6794

# Complementary

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



123.3550, 5.2480, 43.5387



145.6450, -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.



96.3790, 21.5052, -84.5244



123.3550, 5.2480, 43.5387



111.4920, -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.



123.3550, 5.2480, 43.5387



118.9670, -30.0567, 27.2159



101.5980, 2.6632, -61.0374



105.1640, 37.8801, -63.2878



# Rectangle

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



123.3550, 5.2480, 43.5387



120.7860, -18.6285, 48.4227



101.5980, 2.6632, -61.0374



97.3710, 30.3831, -85.3944

# Sweetspot

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



123.3550, 5.2480, 43.5387



205.3810, 2.2772, 16.3289



116.4390, 27.8846, 16.2780



100.4080, 1.2779, 10.1662



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.



123.3550, 5.2480, 43.5387



147.3070, 8.2296, 67.2598



119.0230, -11.3503, 47.3378



81.1470, 0.4205, 5.1331



53.2860, 10.2120, 84.8182



8.1310, 1.4144, 13.0401



# Inverse Universe

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



123.3550, 5.2480, 43.5387



147.3070, 8.2296, 67.2598



149.9770, 11.3503, -47.3378



81.1470, 0.4205, 5.1331



53.2860, 10.2120, 84.8182



8.1310, 1.4144, 13.0401



# Previews

## White Background



This preview shows how the YUV color 123.3550, 5.2480, 43.5387 looks on a white 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



# Black Background



This preview shows how the YUV color 123.3550,  
5.2480, 43.5387 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

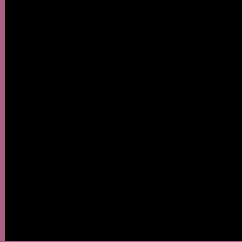
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 123.3550, 5.2480, 43.5387

## Background



This preview shows how black text looks on a background with the YUV color 123.3550, 5.2480, 43.5387.



This preview shows how white text looks on a background with the YUV color 123.3550, 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

123.3550, 5.2480, 43.5387

### Protanopia

121.6260, 13.9884, -6.6880

### Deuteranopia

122.6570, 3.6201, 5.5628



## Tritanopia

122.4290, -7.1135, 41.7198

# Trichromacy



## Original Color

123.3550, 5.2480, 43.5387

## Protanomaly

121.9380, 10.8766, 11.4554

## Deuteranomaly

122.8590, 4.0135, 19.4177

## Tritanomaly

122.5800, -2.7509, 42.4643

# Monochromacy



## Original Color

123.3550, 5.2480, 43.5387

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

122.9680, 1.9878, 15.8141

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 123.3550, 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(173, 96, 134)` looks like.

```
.text, #text, p{  
    color:rgb(173, 96, 134)  
}
```

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, 96, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 96, 134) }
```

## Border

The CSS property to change the border of an element to YUV 123.3550, 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(173, 96, 134) }
```



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

```
.border{ border-color:rgb(173, 96, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 96, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 96, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 96, 134);  
box-shadow:4px 4px 4px 4px rgb(173, 96,  
134) }
```

# Background

The CSS property to change the background color of an element to YUV 123.3550, 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(173, 96, 134) }
```

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

```
.background{ background-color: rgb(173, 96,  
134) }
```

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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