

# Converting Colors

YUV(119.7680, 5.5374, 44.0535)

Have a look what the booklet for  
YUV(119.7680, 5.5374, 44.0535)  
contains.

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# Color

**YUV(119.7680, 5.5374,  
44.0535)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA5C83
RGB	170, 92, 131
RGB Percent	67%, 36%, 51%
CMY	0.3333, 0.6392, 0.4863
CMYK	0.00, 0.46, 0.23, 0.33
HSL	330°, 31%, 51%
HSV	330°, 46%, 67%
XYZ	24.5014, 17.8390, 23.6246
YIQ	119.7680, 33.9690, 28.6650

# Conversions

## Conversions Part 2

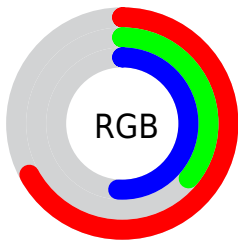
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 92, 131
Decimal	11164803
CIE <sub>Lab</sub>	49.30, 36.75, -7.59
CIE <sub>LCh</sub>	49, 37.525, 348.326
Yxy	17.8390, 0.3714, 0.2704
Android (android.graphics.Color)	4289354883 (0xFFAA5C83)
YUV	119.7680, 5.5374, 44.0535
Hunter-Lab	42.2363, 29.6351, -3.5982

# Details

The YUV color **119.7680, 5.5374, 44.0535** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **142.2320, -5.5374, -44.0535**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3770, 5.2371, 47.0274**, and **68.6860, 6.5638, 41.4944** is the 20% darker color. If you saturate the color by 10%, you get **108.7630, 6.5258, 53.7048**, and if you desaturate by 10%, it is **130.6590, 4.1121, 34.5021**.

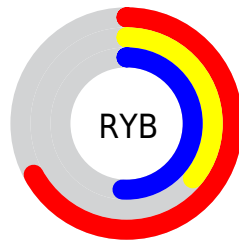
# Distribution



Red (67%)

Green (36%)

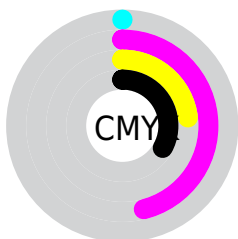
Blue (51%)



Red (67%)

Yellow (36%)

Blue (51%)

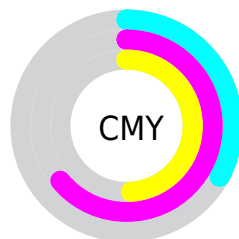


Cyan (0%)

Magenta (46%)

Yellow (23%)

Black (33%)



Cyan (33%)

Magenta (64%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 119.7680, 5.5374, 44.0535 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 119.7680, 5.5374, 44.0535 by changing the saturation by 10% instead.



 119.7680, 5.5374,  
44.0535


 119.7680, 5.5374,  
44.0535

255.0000, 0.0000,  
0.0000


 93.8710, 5.9796,  
42.2091

 173.3770, 5.2371,  
47.0274

 68.6860, 6.5638,  
41.4944


 200.7900, 5.5265,  
47.5422


 42.7290, 8.0216,  
40.5797

 220.4180, 9.6539,  
30.3284

 23.3540, 6.7275,  
35.6465

 238.5640, 8.1029,  
14.4144

 14.6810, 0.6503,  
24.8358

 0.0000, 0.0000,  
0.0000

■ 119.7680, 5.5374,  
44.0535

■ 119.7680, 5.5374,  
44.0535

■ 108.7630, 6.5258,  
53.7048

■ 130.6590, 4.1121,  
34.5021

■ 97.8720, 7.9511,  
63.2563

■ 141.6640, 3.1236,  
24.8507

■ 86.8670, 8.9396,  
72.9076

■ 152.5550, 1.6984,  
15.2993

■ 75.9760, 10.3648,  
82.4590

■ 163.5600, 0.7099,  
5.6479

■ 64.9710, 11.3533,  
92.1104

■ 174.4510, -0.7153,  
-3.9035

■ 60.5200, 12.0686,  
96.0140

■ 185.4560, -1.7038,  
-13.5549

■ 196.3470, -3.1291,  
-23.1063

■ 207.3520, -4.1175,

-32.7577

 218.2430, -5.5428,  
-42.3091

# Harmonies

## Analogous

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



120.5830, 19.4326, 20.5367



119.7680, 5.5374, 44.0535



117.6260, -9.1826, 52.0710

# Triad

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



119.7680, 5.5374, 44.0535



112.1660, -28.6758, 4.2394



95.5930, 33.7247, -83.8351

# Complementary

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



119.7680, 5.5374, 44.0535



142.2320, -5.5374, -44.0535

# 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.



93.5750, 20.9155, -82.0653



119.7680, 5.5374, 44.0535



107.9650, -17.2377, -24.5253

# Square

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



119.7680, 5.5374, 44.0535



115.2660, -30.2041, 27.8307



96.6900, 3.1108, -64.6261



98.5760, 39.6490, -70.6652



# Rectangle

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



119.7680, 5.5374, 44.0535



117.0850, -18.7759, 49.0375



96.6900, 3.1108, -64.6261



95.2680, 29.9409, -83.5500

# Sweetspot

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



119.7680, 5.5374, 44.0535



201.9790, 1.9824, 17.5584



112.5530, 28.3214, 16.1780



99.8210, 1.5672, 10.6810



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.



119.7680, 5.5374, 44.0535



143.4320, 8.6610, 68.9041



115.3220, -11.4977, 47.9526



78.8480, 0.5679, 4.5183



52.6880, 10.5068, 83.5886



7.1200, 1.4198, 11.2958



# Inverse Universe

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



119.7680, 5.5374, 44.0535



143.4320, 8.6610, 68.9041



146.6780, 11.4977, -47.9526



78.8480, 0.5679, 4.5183



52.6880, 10.5068, 83.5886

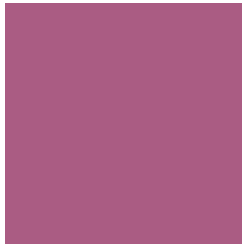


7.1200, 1.4198, 11.2958



# Previews

## White Background



This preview shows how the YUV color 119.7680, 5.5374, 44.0535 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

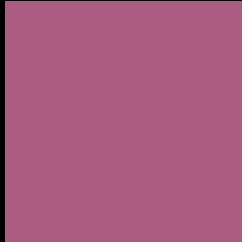
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 119.7680, 5.5374, 44.0535 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

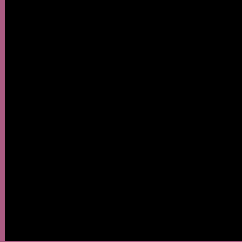
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 119.7680, 5.5374, 44.0535

## Background



This preview shows how black text looks on a background with the YUV color 119.7680, 5.5374, 44.0535.



This preview shows how white text looks on a background with the YUV color 119.7680, 5.5374,



# 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

119.7680, 5.5374, 44.0535

### Protanopia

117.7400, 14.4252, -6.7880

### Deuteranopia

118.7710, 4.0569, 5.4628



## Tritanopia

118.7280, -7.2609, 42.3345

# Trichromacy



## Original Color

119.7680, 5.5374, 44.0535

## Protanomaly

118.3510, 11.1660, 11.9702

## Deuteranomaly

118.9730, 4.4503, 19.3177

## Tritanomaly

118.9930, -2.4615, 42.9791

# Monochromacy



## Original Color

119.7680, 5.5374, 44.0535

## Achromatopsia

120.0000, 0.0000, 0.0000

## Achromatomaly

119.9680, 1.9878, 15.8141

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.7680, 5.5374, 44.0535 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(170, 92, 131)` looks like.

```
.text, #text, p{  
    color:rgb(170, 92, 131)  
}
```

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(170, 92, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 92, 131) }
```

## Border

The CSS property to change the border of an element to YUV 119.7680, 5.5374, 44.0535 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(170, 92, 131) }
```



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

```
.border{ border-color:rgb(170, 92, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 92, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 92, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 92, 131);  
box-shadow:4px 4px 4px 4px rgb(170, 92,  
131) }
```

# Background

The CSS property to change the background color of an element to YUV 119.7680, 5.5374, 44.0535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 92, 131) }
```

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

```
.background{ background-color: rgb(170, 92,  
131) }
```

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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