

# Converting Colors

YUV(127.1590, 5.8376, 41.0796)

Have a look what the booklet for  
YUV(127.1590, 5.8376, 41.0796)  
contains.

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# Color

**YUV(127.1590, 5.8376,  
41.0796)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE658B
RGB	174, 101, 139
RGB Percent	68%, 40%, 55%
CMY	0.3176, 0.6039, 0.4549
CMYK	0.00, 0.42, 0.20, 0.32
HSL	329°, 31%, 54%
HSV	329°, 42%, 68%
XYZ	26.7694, 20.1701, 26.9084
YIQ	127.1590, 31.3100, 27.2940

# Conversions

## Conversions Part 2

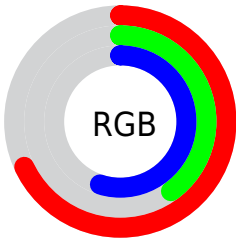
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 101, 139
Decimal	11429259
CIELab	52.03, 34.52, -8.22
CIELCh	52, 35.482, 346.610
Yxy	20.1701, 0.3625, 0.2731
Android (android.graphics.Color)	4289619339 (0xFFAE658B)
YUV	127.1590, 5.8376, 41.0796
Hunter-Lab	44.9111, 27.8010, -4.0857

# Details

The YUV color **127.1590, 5.8376, 41.0796** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **147.8410, -5.8376, -41.0796**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.7680, 5.5374, 44.0535**, and **75.9630, 6.4272, 38.6204** is the 20% darker color. If you saturate the color by 10%, you get **116.2680, 7.2629, 50.6310**, and if you desaturate by 10%, it is **138.0500, 4.4124, 31.5282**.

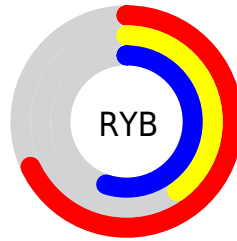
# Distribution



Red (68%)

Green (40%)

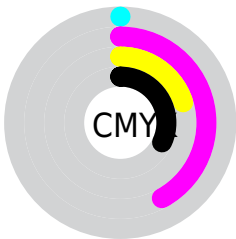
Blue (55%)



Red (68%)

Yellow (40%)

Blue (55%)

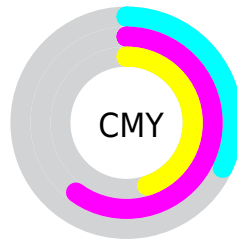


Cyan (0%)

Magenta (42%)

Yellow (20%)

Black (32%)



Cyan (32%)

Magenta (60%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 127.1590, 5.8376, 41.0796 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 127.1590, 5.8376, 41.0796 by changing the saturation by 10% instead.





 127.1590, 5.8376,  
41.0796


 127.1590, 5.8376,  
41.0796


255.0000, 0.0000,  
0.0000


 101.5610, 6.1324,  
39.8500

 180.7680, 5.5374,  
44.0535


 75.9630, 6.4272,  
38.6204

 207.5720, 6.1270,  
41.5944

 51.4790, 7.1589,  
37.2909

 227.3140, 10.6912,  
24.2806

 25.3480, 9.1954,  
37.4058

 244.4340, 5.2090,  
9.2664

 16.3760, 3.2656,  
25.9802

 0.0000, 0.0000,  
0.0000

127.1590, 5.8376,  
41.0796

127.1590, 5.8376,  
41.0796

116.2680, 7.2629,  
50.6310

138.0500, 4.4124,  
31.5282

104.6760, 8.5407,  
60.7971

149.6420, 3.1345,  
21.3620

93.7850, 9.9660,  
70.3486

160.5330, 1.7092,  
11.8106

82.3070, 11.6806,  
80.4148

172.0110, -0.0054,  
1.7444

71.3020, 12.6691,  
90.0661

183.0160, -0.9939,  
-7.9070


62.4000, 14.0998,  
97.8732

193.9070, -2.4192,  
-17.4584

205.3850, -4.1338,  
-27.5246

216.3900, -5.1223,

-37.1760

 226.1070, -5.9688,  
-45.6978

# Harmonies

## Analogous

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



127.7460, 18.8592, 17.7628



127.1590, 5.8376, 41.0796



125.4300, -8.5930, 49.6119

# Triad

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



127.1590, 5.8376, 41.0796



120.1060, -27.6603, 5.1690



99.4570, 33.2987, -87.2238

# Complementary

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



127.1590, 5.8376, 41.0796



147.8410, -5.8376, -41.0796

# 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.



98.1400, 20.6370, -86.0688



127.1590, 5.8376, 41.0796



115.9870, -17.2486, -21.0366

# Square

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



127.1590, 5.8376, 41.0796



122.9070, -29.0412, 28.1456



108.0720, 0.4575, -53.5601



110.3170, 35.8327, -59.9140



# Rectangle

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



127.1590, 5.8376, 41.0796



124.7150, -17.6075, 47.6079



108.0720, 0.4575, -53.5601



99.7190, 29.2255, -87.4536

# Sweetspot

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



127.1590, 5.8376, 41.0796



207.7940, 2.5666, 16.8437



119.4880, 26.8744, 13.6040



102.8210, 1.5672, 10.6810



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



127.1590, 5.8376, 41.0796



153.9260, 9.4035, 64.0859



123.0550, -9.8871, 44.6788



81.2610, 0.8573, 5.0331



53.7420, 11.9592, 84.4183



8.2450, 1.8512, 12.9401



# Inverse Universe

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



127.1590, 5.8376, 41.0796



153.9260, 9.4035, 64.0859



151.9450, 9.8871, -44.6788



81.2610, 0.8573, 5.0331



53.7420, 11.9592, 84.4183

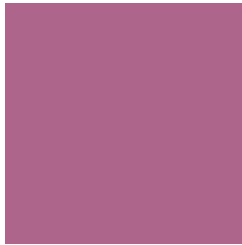


8.2450, 1.8512, 12.9401



# Previews

## White Background



This preview shows how the YUV color 127.1590, 5.8376, 41.0796 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 127.1590, 5.8376, 41.0796 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

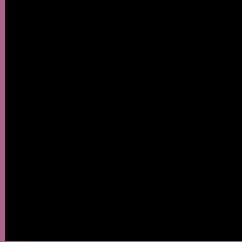
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 127.1590, 5.8376, 41.0796

## Background



This preview shows how black text looks on a background with the YUV color 127.1590, 5.8376, 41.0796.



This preview shows how white text looks on a background with the YUV color 127.1590, 5.8376,



# 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

127.1590, 5.8376, 41.0796

### Protanopia

124.7400, 14.4252, -6.7880

### Deuteranopia

125.9990, 4.9305, 5.2629



## Tritanopia

126.3470, -6.0871, 39.1607

# Trichromacy



## Original Color

127.1590, 5.8376, 41.0796

## Protanomaly

125.7530, 11.4608, 10.7406

## Deuteranomaly

126.4890, 5.1819, 17.9881

## Tritanomaly

126.4980, -1.7245, 39.9053

# Monochromacy



## Original Color

127.1590, 5.8376, 41.0796

## Achromatopsia

127.0000, 0.0000, 0.0000

## Achromatomaly

127.2560, 1.8458, 14.6845

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 127.1590, 5.8376, 41.0796 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(174, 101, 139)` looks like.

```
.text, #text, p{  
    color:rgb(174, 101, 139)  
}
```

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(174, 101, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 101, 139) }
```

## Border

The CSS property to change the border of an element to YUV 127.1590, 5.8376, 41.0796 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(174, 101, 139) }
```



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

```
.border{ border-color:rgb(174, 101, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 101, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 101, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 101, 139);  
box-shadow:4px 4px 4px 4px rgb(174, 101,  
139) }
```

# Background

The CSS property to change the background color of an element to YUV 127.1590, 5.8376, 41.0796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 101, 139) }
```

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

```
.background{ background-color: rgb(174,  
101, 139) }
```

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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