

# Converting Colors

YUV(126.5240, 2.2067, 39.0055)

Have a look what the booklet for  
YUV(126.5240, 2.2067, 39.0055)  
contains.

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# Color

**YUV(126.5240, 2.2067,  
39.0055)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB6783
RGB	171, 103, 131
RGB Percent	67%, 40%, 51%
CMY	0.3294, 0.5961, 0.4863
CMYK	0.00, 0.40, 0.23, 0.33
HSL	335°, 29%, 54%
HSV	335°, 40%, 67%
XYZ	25.7416, 19.9971, 23.9758
YIQ	126.5240, 31.5400, 23.1240

# Conversions

## Conversions Part 2

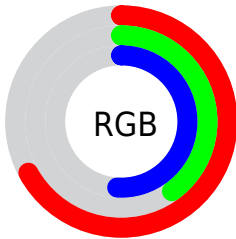
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 103, 131
Decimal	11233155
CIELab	51.83, 31.11, -3.82
CIELCh	52, 31.342, 353.004
Yxy	19.9971, 0.3692, 0.2868
Android (android.graphics.Color)	4289423235 (0xFFAB6783)
YUV	126.5240, 2.2067, 39.0055
Hunter-Lab	44.7181, 24.4951, -0.4859

# Details

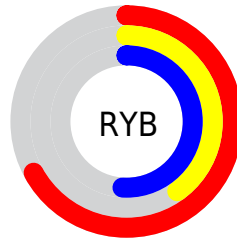
The YUV color **126.5240, 2.2067, 39.0055** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **147.4760, -2.2067, -39.0055**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.1330, 1.9064, 41.9794**, and **76.0290, 2.9437, 35.9316** is the 20% darker color. If you saturate the color by 10%, you get **115.4050, 2.7583, 48.7568**, and if you desaturate by 10%, it is **137.6430, 1.6550, 29.2541**.

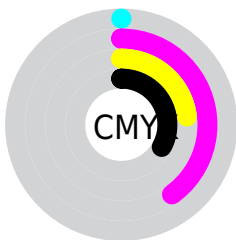
# Distribution



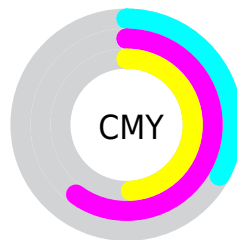
- Red (67%)
- Green (40%)
- Blue (51%)



- Red (67%)
- Yellow (40%)
- Blue (51%)



- Cyan (0%)
- Magenta (40%)
- Yellow (23%)
- Black (33%)



- Cyan (33%)
- Magenta (60%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 126.5240, 2.2067, 39.0055 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 126.5240, 2.2067, 39.0055 by changing the saturation by 10% instead.





 126.5240, 2.2067,  
39.0055


 126.5240, 2.2067,  
39.0055

255.0000, 0.0000,  
0.0000

 100.9260, 2.5015,  
37.7759


 180.1330, 1.9064,  
41.9794


 76.0290, 2.9437,  
35.9316

 207.2470, 2.3432,  
41.8794

 51.5450, 3.6753,  
34.6020

 226.8750, 6.4706,  
24.6656

 26.3000, 5.2751,  
34.8169

 245.6080, 4.6303,  
8.2368

 14.9800, 0.5029,  
25.4505

 0.0000, 0.0000,  
0.0000

126.5240, 2.2067,  
39.0055

126.5240, 2.2067,  
39.0055

115.4050, 2.7583,  
48.7568

137.6430, 1.6550,  
29.2541

104.2860, 3.3100,  
58.5082

148.7620, 1.1033,  
19.5027

93.1670, 3.8617,  
68.2595

159.8810, 0.5517,  
9.7514

82.0480, 4.4133,  
78.0109

171.0000, 0.0000,  
0.0000

70.3420, 5.2544,  
88.2771

182.1190, -0.5517,  
-9.7514

59.2230, 5.8061,  
98.0284


193.8250, -1.3927,  
-20.0175

59.1090, 5.3693,  
98.1284

204.9440, -1.9444,  
-29.7689

216.0630, -2.4961,

-39.5203

 226.1220, -2.0321,  
-48.3420

# Harmonies

## Analogous

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



126.9160, 14.3384, 21.1217



126.5240, 2.2067, 39.0055



125.5280, -10.6133, 44.2639

# Triad

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



126.5240, 2.2067, 39.0055



119.3380, -22.8446, 0.5806



100.8600, 32.1140, -80.5612

# Complementary

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



126.5240, 2.2067, 39.0055



147.4760, -2.2067, -39.0055

# 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.



97.4220, 22.9630, -85.4391



126.5240, 2.2067, 39.0055



115.5290, -12.5858, -23.2659

# Square

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



126.5240, 2.2067, 39.0055



122.3730, -25.8199, 21.5979



109.1910, 3.3568, -50.1565



116.7280, 29.2211, -39.2265



# Rectangle

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



126.5240, 2.2067, 39.0055



124.5570, -18.0226, 40.7305



109.1910, 3.3568, -50.1565



97.9580, 30.0937, -85.9092

# Sweetspot

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



126.5240, 2.2067, 39.0055



204.3270, 0.8248, 15.4992



122.7120, 23.8060, 17.7926



101.5820, 0.6991, 9.1366



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.



126.5240, 2.2067, 39.0055



152.0090, 3.4466, 61.3821



126.8540, -11.7600, 38.7160



81.1470, 0.4205, 5.1331



51.9180, 4.9704, 86.0179



7.9030, 0.5408, 13.2401



# Inverse Universe

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



126.5240, 2.2067, 39.0055



152.0090, 3.4466, 61.3821



147.1460, 11.7600, -38.7160



81.1470, 0.4205, 5.1331



51.9180, 4.9704, 86.0179

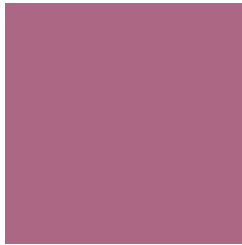


7.9030, 0.5408, 13.2401



# Previews

## White Background



This preview shows how the YUV color 126.5240, 2.2067, 39.0055 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

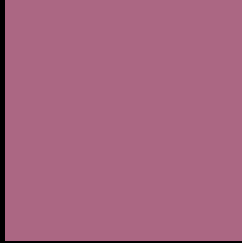
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 126.5240, 2.2067, 39.0055 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

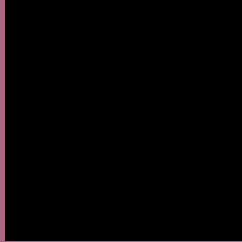
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 126.5240, 2.2067, 39.0055

## Background



This preview shows how black text looks on a background with the YUV color 126.5240, 2.2067, 39.0055.



This preview shows how white text looks on a background with the YUV color 126.5240, 2.2067,



# 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

126.5240, 2.2067, 39.0055

### Protanopia

124.4970, 9.6150, -3.9439

### Deuteranopia

125.0980, 1.4307, 7.8071



## Tritanopia

125.7490, -5.7923, 37.9311

# Trichromacy



## Original Color

126.5240, 2.2067, 39.0055

## Protanomaly

125.4990, 6.6560, 11.8404

## Deuteranomaly

125.5770, 1.6875, 18.7880

## Tritanomaly

126.1450, -3.0295, 38.4608

# Monochromacy



## Original Color

126.5240, 2.2067, 39.0055

## Achromatopsia

127.0000, 0.0000, 0.0000

## Achromatomaly

126.6150, 0.6828, 14.3696

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 126.5240, 2.2067, 39.0055 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(171, 103, 131)` looks like.

```
.text, #text, p{  
    color:rgb(171, 103, 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(171, 103, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 103, 131) }
```

## Border

The CSS property to change the border of an element to YUV 126.5240, 2.2067, 39.0055 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(171, 103, 131) }
```



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

```
.border{ border-color:rgb(171, 103, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 103, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 103, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 103, 131);  
box-shadow:4px 4px 4px 4px rgb(171, 103,  
131) }
```

# Background

The CSS property to change the background color of an element to YUV 126.5240, 2.2067, 39.0055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 103, 131) }
```

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

```
.background{ background-color: rgb(171,  
103, 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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