

# Converting Colors

YUV(139.9070, 7.9338, 22.0066)

Have a look what the booklet for  
YUV(139.9070, 7.9338, 22.0066)  
contains.

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# Color

**YUV(139.9070, 7.9338,  
22.0066)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A57C9C
RGB	165, 124, 156
RGB Percent	65%, 49%, 61%
CMY	0.3529, 0.5137, 0.3882
CMYK	0.00, 0.25, 0.05, 0.35
HSL	313°, 19%, 57%
HSV	313°, 25%, 65%
XYZ	28.7255, 24.8149, 34.7283
YIQ	139.9070, 14.1640, 18.6440

# Conversions

## Conversions Part 2

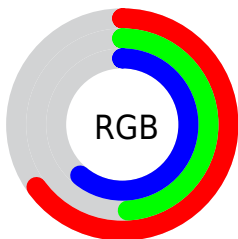
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	165, 124, 156
Decimal	10845340
CIE Lab	56.89, 21.34, -10.97
CIE LCh	57, 23.994, 332.799
Yxy	24.8149, 0.3254, 0.2811
Android (android.graphics.Color)	4289035420 (0xFFA57C9C)
YUV	139.9070, 7.9338, 22.0066
Hunter-Lab	49.8146, 15.7560, -6.4638

# Details

The YUV color **139.9070, 7.9338, 22.0066** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **149.0930, -7.9338, -22.0066**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7330, 8.5126, 23.0362**, and **89.7820, 7.5025, 20.3622** is the 20% darker color. If you saturate the color by 10%, you get **129.4720, 11.1063, 31.1581**, and if you desaturate by 10%, it is **149.7550, 5.0508, 13.3699**.

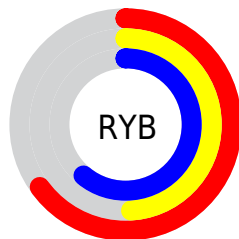
# Distribution



Red (65%)

Green (49%)

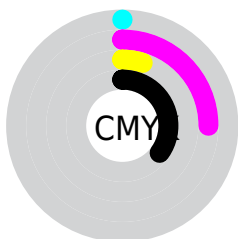
Blue (61%)



Red (65%)

Yellow (49%)

Blue (61%)

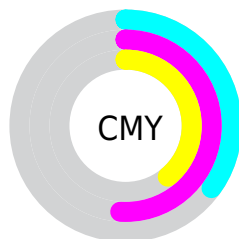


Cyan (0%)

Magenta (25%)

Yellow (5%)

Black (35%)



Cyan (35%)

Magenta (51%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 139.9070, 7.9338, 22.0066 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 139.9070, 7.9338, 22.0066 by changing the saturation by 10% instead.





 139.9070, 7.9338,  
22.0066

 139.9070, 7.9338,  
22.0066


255.0000, 0.0000,  
0.0000

 114.1950, 7.7919,  
20.8770

 193.7330, 8.5126,  
23.0362

 89.7820, 7.5025,  
20.3622


 221.4450, 8.6546,  
24.1657

 65.4830, 7.6499,  
19.7474

 242.0860, 6.3666,  
11.3256

 42.7710, 7.5079,  
18.6178

 21.0590, 7.3659,  
17.4883

 5.7820, 4.0515,  
7.2072

 0.0000, 0.0000,

0.0000

139.9070, 7.9338,  
22.0066

139.9070, 7.9338,  
22.0066

129.4720, 11.1063,  
31.1581

149.7550, 5.0508,  
13.3699

119.7380, 14.4262,  
39.6948

160.0760, 1.4415,  
4.3183

109.3030, 17.5986,  
48.8463

169.9240, -1.4415,  
-4.3183

99.5690, 20.9185,  
57.3830

180.2450, -5.0508,  
-13.3699

89.7210, 23.8015,  
66.0197

190.0930, -7.9338,  
-22.0066

79.2860, 26.9740,  
75.1712

200.5280,  
-11.1063, -31.1581

68.9650, 30.5833,  
84.2227

210.2620,  
-14.4262, -39.6948

64.0410, 32.0248,  
88.5410

220.1100,  
-17.3092, -48.3315

220.5660,  
-15.5620, -48.7314

# Harmonies

## Analogous

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



138.3760, 16.5766, 3.1782



139.9070, 7.9338, 22.0066



139.3400, -2.1396, 33.0278

# Triad

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



139.9070, 7.9338, 22.0066



135.5120, -19.9724, 12.7060



125.8290, 15.8603, -47.2080

# Complementary

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



139.9070, 7.9338, 22.0066



149.0930, -7.9338, -22.0066

# 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.



126.8270, 5.5083, -40.1903



139.9070, 7.9338, 22.0066



132.8410, -15.6976, -5.1226

# Square

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



139.9070, 7.9338, 22.0066



137.0560, -18.2686, 26.2609



129.8370, -6.3286, -23.5360



129.6650, 21.3642, -39.1712



# Rectangle

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



139.9070, 7.9338, 22.0066



138.9290, -8.8390, 35.1423



129.8370, -6.3286, -23.5360



125.7320, 12.9501, -47.1230

# Sweetspot

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



139.9070, 7.9338, 22.0066



204.8530, 3.0305, 8.0219



131.3650, 16.5821, 1.4339



102.0760, 1.4415, 4.3183



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000



# Same Dimension

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



139.9070, 7.9338, 22.0066



174.8360, 12.4059, 34.3468



137.6270, -0.8021, 24.0061



76.4890, 1.7309, 4.8331



56.2370, 27.9842, 77.8452



6.9780, 3.4618, 9.6663



# Inverse Universe

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



139.9070, 7.9338, 22.0066



174.8360, 12.4059, 34.3468



151.3730, 0.8021, -24.0061



76.4890, 1.7309, 4.8331



56.2370, 27.9842, 77.8452

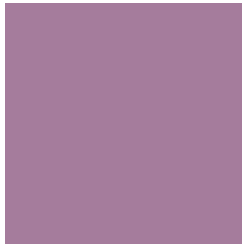


6.9780, 3.4618, 9.6663



# Previews

## White Background



This preview shows how the YUV color 139.9070, 7.9338, 22.0066 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

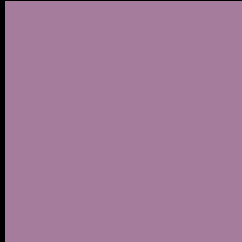
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 139.9070, 7.9338, 22.0066 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

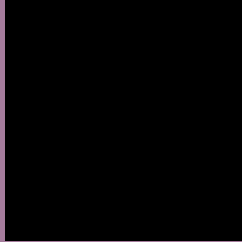
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 139.9070, 7.9338, 22.0066

## Background



This preview shows how black text looks on a background with the YUV color 139.9070, 7.9338, 22.0066.



This preview shows how white text looks on a background with the YUV color 139.9070, 7.9338,



# 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

139.9070, 7.9338, 22.0066

### Protanopia

137.6970, 12.9674, -5.8733

### Deuteranopia

138.0850, 7.8461, 3.4335



## Tritanopia

138.9040, -0.9387, 21.1322

# Trichromacy



## Original Color

139.9070, 7.9338, 22.0066

## Protanomaly

138.5950, 11.0457, 3.8632

## Deuteranomaly

138.8300, 7.9718, 9.7961

## Tritanomaly

139.4140, 2.2609, 21.5619

# Monochromacy



## Original Color

139.9070, 7.9338, 22.0066

## Achromatopsia

140.0000, 0.0000, 0.0000

## Achromatomaly

139.8530, 3.0305, 8.0219

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.9070, 7.9338, 22.0066 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(165, 124, 156)` looks like.

```
.text, #text, p{  
    color:rgb(165, 124, 156)  
}
```

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(165, 124, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 124, 156) }
```

## Border

The CSS property to change the border of an element to YUV 139.9070, 7.9338, 22.0066 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(165, 124, 156) }
```



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

```
.border{ border-color:rgb(165, 124, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 124, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 124, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 124, 156);  
box-shadow:4px 4px 4px 4px rgb(165, 124,  
156) }
```

# Background

The CSS property to change the background color of an element to YUV 139.9070, 7.9338, 22.0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 124, 156) }
```

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

```
.background{ background-color: rgb(165,  
124, 156) }
```

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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