

# Converting Colors

YUV(139.6750, 3.1182, 26.5950)

Have a look what the booklet for  
YUV(139.6750, 3.1182, 26.5950)  
contains.

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# Color

**YUV(139.6750, 3.1182,  
26.5950)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA7B92
RGB	170, 123, 146
RGB Percent	67%, 48%, 57%
CMY	0.3333, 0.5176, 0.4275
CMYK	0.00, 0.28, 0.14, 0.33
HSL	331°, 22%, 57%
HSV	331°, 28%, 67%
XYZ	28.8488, 24.7873, 30.4581
YIQ	139.6750, 20.6290, 17.1170

# Conversions

## Conversions Part 2

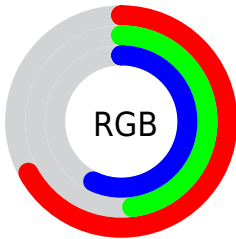
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	170, 123, 146
Decimal	11172754
CIE Lab	56.87, 21.94, -5.17
CIE LCh	57, 22.537, 346.746
Yxy	24.7873, 0.3431, 0.2948
Android (android.graphics.Color)	4289362834 (0xFFAA7B92)
YUV	139.6750, 3.1182, 26.5950
Hunter-Lab	49.7868, 16.3043, -1.4210

# Details

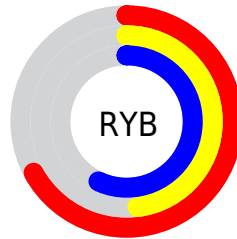
The YUV color **139.6750, 3.1182, 26.5950** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **153.3250, -3.1182, -26.5950**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.6860, 3.1128, 28.3394**, and **89.3650, 3.2711, 24.2359** is the 20% darker color. If you saturate the color by 10%, you get **128.6700, 4.1067, 36.2464**, and if you desaturate by 10%, it is **150.6800, 2.1298, 16.9436**.

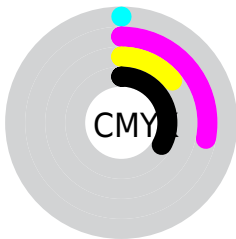
# Distribution



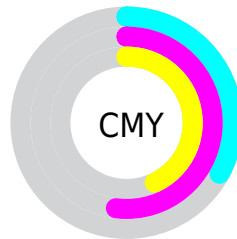
- Red (67%)
- Green (48%)
- Blue (57%)



- Red (67%)
- Yellow (48%)
- Blue (57%)



- Cyan (0%)
- Magenta (28%)
- Yellow (14%)
- Black (33%)



- Cyan (33%)
- Magenta (52%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 139.6750, 3.1182, 26.5950 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 139.6750, 3.1182, 26.5950 by changing the saturation by 10% instead.




 139.6750, 3.1182,  
26.5950


 139.6750, 3.1182,  
26.5950


255.0000, 0.0000,  
0.0000


 113.9630, 2.9762,  
25.4654

 193.6860, 3.1128,  
28.3394


 89.3650, 3.2711,  
24.2359


 221.3980, 3.2548,  
29.4690

 65.0660, 3.4185,  
23.6211

 241.4990, 6.6560,  
11.8404

 42.0550, 3.4239,  
21.8768

 19.9840, 4.4449,  
21.0620

 5.6810, -2.8007,  
11.6808

 0.0000, 0.0000,

0.0000

■ 139.6750, 3.1182,  
26.5950

■ 139.6750, 3.1182,  
26.5950

■ 128.6700, 4.1067,  
36.2464

■ 150.6800, 2.1298,  
16.9436

■ 117.7790, 5.5320,  
45.7978

■ 161.5710, 0.7045,  
7.3922

■ 106.7740, 6.5204,  
55.4492

■ 172.5760, -0.2840,  
-2.2592

■ 95.7690, 7.5089,  
65.1006

■ 183.5810, -1.2724,  
-11.9105

■ 84.8780, 8.9341,  
74.6520

■ 194.4720, -2.6977,  
-21.4619

■ 73.8730, 9.9226,  
84.3034

■ 205.4770, -3.6862,  
-31.1133

■ 62.8680, 10.9111,  
93.9548

■ 216.4820, -4.6746,  
-40.7647

■ 60.2920, 11.1950,  
96.2139

■ 225.0250, -4.9423,  
-48.2569

■ 226.0510, -1.0111,  
-49.1567

# Harmonies

## Analogous

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



139.4650, 11.6028, 11.8702



139.6750, 3.1182, 26.5950



138.6020, -6.2128, 32.7980

# Triad

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



139.6750, 3.1182, 26.5950



134.4400, -17.4719, 3.9991



127.7310, 17.8806, -41.8601

# Complementary

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



139.6750, 3.1182, 26.5950



153.3250, -3.1182, -26.5950

# 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.



126.6680, 10.0237, -41.8048



139.6750, 3.1182, 26.5950



131.9370, -11.3079, -13.0997

# Square

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



139.6750, 3.1182, 26.5950



136.3110, -18.3943, 19.8983



129.1720, -1.0708, -29.9688



132.5030, 20.4580, -28.5051



# Rectangle

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



139.6750, 3.1182, 26.5950



138.1090, -11.8857, 32.3534



129.1720, -1.0708, -29.9688



127.1500, 15.7020, -43.1046

# Sweetspot

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



139.6750, 3.1182, 26.5950



210.4080, 1.2779, 10.1662



135.5340, 16.9917, 10.0557



104.8590, 0.5625, 6.2627



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.



139.6750, 3.1182, 26.5950



174.8170, 4.5272, 41.3795



137.0530, -6.9281, 28.8945



78.8480, 0.5679, 4.5183



52.4600, 9.6332, 83.7886



7.1200, 1.4198, 11.2958



# Inverse Universe

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



139.6750, 3.1182, 26.5950



174.8170, 4.5272, 41.3795



155.9470, 6.9281, -28.8945



78.8480, 0.5679, 4.5183



52.4600, 9.6332, 83.7886

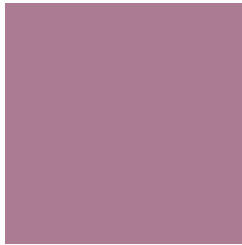


7.1200, 1.4198, 11.2958



# Previews

## White Background



This preview shows how the YUV color 139.6750, 3.1182, 26.5950 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

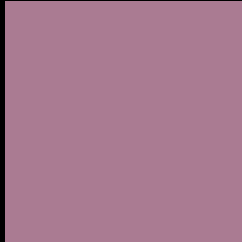
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 139.6750, 3.1182, 26.5950 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

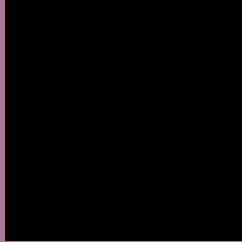
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 139.6750, 3.1182, 26.5950

## Background



This preview shows how black text looks on a background with the YUV color 139.6750, 3.1182, 26.5950.



This preview shows how white text looks on a background with the YUV color 139.6750, 3.1182,



# 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

139.6750, 3.1182, 26.5950

### Protanopia

137.4540, 8.1572, -3.0292

### Deuteranopia

138.4400, 2.7411, 7.5071



## Tritanopia

139.2960, -2.1179, 26.0504

# Trichromacy



## Original Color

139.6750, 3.1182, 26.5950

## Protanomaly

138.0640, 6.3774, 7.8369

## Deuteranomaly

138.5980, 3.1562, 14.3846

## Tritanomaly

139.1650, -0.0813, 26.1653

# Monochromacy



## Original Color

139.6750, 3.1182, 26.5950

## Achromatopsia

140.0000, 0.0000, 0.0000

## Achromatomaly

139.9950, 0.9885, 9.6514

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.6750, 3.1182, 26.5950 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, 123, 146)` looks like.

```
.text, #text, p{  
    color:rgb(170, 123, 146)  
}
```

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, 123, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 123, 146) }
```

## Border

The CSS property to change the border of an element to YUV 139.6750, 3.1182, 26.5950 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, 123, 146) }
```



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

```
.border{ border-color:rgb(170, 123, 146) }
```

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

Here you see how a box with a 4 pixel rgb(170, 123, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 123, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 123, 146);  
box-shadow:4px 4px 4px 4px rgb(170, 123,  
146) }
```

# Background

The CSS property to change the background color of an element to YUV 139.6750, 3.1182, 26.5950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 123, 146) }
```

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

```
.background{ background-color: rgb(170,  
123, 146) }
```

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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