

# Converting Colors

YUV(122.6740, 8.0487, 31.8579)

Have a look what the booklet for  
YUV(122.6740, 8.0487, 31.8579)  
contains.

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# Color

**YUV(122.6740, 8.0487,  
31.8579)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F658B
RGB	159, 101, 139
RGB Percent	62%, 40%, 55%
CMY	0.3765, 0.6039, 0.4549
CMYK	0.00, 0.36, 0.13, 0.38
HSL	321°, 23%, 51%
HSV	321°, 36%, 62%
XYZ	23.6120, 18.5424, 26.7606
YIQ	122.6740, 22.3700, 24.1140

# Conversions

## Conversions Part 2

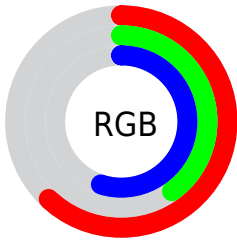
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 101, 139
Decimal	10446219
CIE <sub>Lab</sub>	50.15, 29.20, -11.23
CIE <sub>LCh</sub>	50, 31.284, 338.961
Yxy	18.5424, 0.3426, 0.2691
Android (android.graphics.Color)	4288636299 (0xFF9F658B)
YUV	122.6740, 8.0487, 31.8579
Hunter-Lab	43.0609, 22.5221, -6.7038

# Details

The YUV color **122.6740, 8.0487, 31.8579** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **137.3260, -8.0487, -31.8579**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.0980, 8.3327, 34.1171**, and **72.3640, 8.2015, 29.4988** is the 20% darker color. If you saturate the color by 10%, you get **112.7120, 10.4950, 40.5946**, and if you desaturate by 10%, it is **132.6360, 5.6025, 23.1212**.

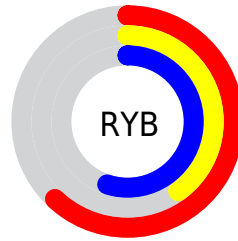
# Distribution



Red (62%)

Green (40%)

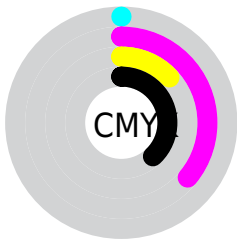
Blue (55%)



Red (62%)

Yellow (40%)

Blue (55%)

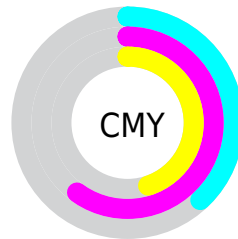


Cyan (0%)

Magenta (36%)

Yellow (13%)

Black (38%)



Cyan (38%)

Magenta (60%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.6740, 8.0487, 31.8579 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 122.6740, 8.0487, 31.8579 by changing the saturation by 10% instead.



■ 122.6740, 8.0487,  
31.8579

■ 122.6740, 8.0487,  
31.8579

■ 255.0000, 0.0000,  
0.0000

■ 97.0760, 8.3435,  
30.6283

■ 176.0980, 8.3327,  
34.1171

■ 72.3640, 8.2015,  
29.4988

■ 203.3970, 8.1853,  
34.7318

■ 48.7660, 8.4964,  
28.2692

■ 226.7270, 10.9806,  
24.7954

■ 24.8800, 8.9332,  
28.1692

■ 243.8470, 5.4984,  
9.7812

■ 14.0980, 4.8817,  
20.9621

■ 0.0000, 0.0000,  
0.0000

122.6740, 8.0487,  
31.8579

122.6740, 8.0487,  
31.8579

112.7120, 10.4950,  
40.5946

132.6360, 5.6025,  
23.1212

102.6360, 12.5045,  
49.4312

142.7120, 3.5930,  
14.2846

92.6740, 14.9507,  
58.1679

152.6740, 1.1467,  
5.5479

82.5980, 16.9602,  
67.0046

162.7500, -0.8628,  
-3.2887

72.6360, 19.4065,  
75.7412

172.7120, -3.3090,  
-12.0254

63.1470, 21.1265,  
84.0631


182.2010, -5.0291,  
-20.3473

59.3970, 21.9893,  
87.3518

192.1630, -7.4754,  
-29.0840

202.2390, -9.4848,

-37.9206

 212.2010,  
-11.9311, -46.6573

# Harmonies

## Analogous

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



122.1040, 19.1757, 9.5558



122.6740, 8.0487, 31.8579



121.1240, -4.4981, 42.8643

# Triad

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



122.6740, 8.0487, 31.8579



116.5350, -24.9138, 10.9318



94.8120, 28.1937, -83.1501

# Complementary

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



122.6740, 8.0487, 31.8579



137.3260, -8.0487, -31.8579

# 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.



97.6320, 14.4784, -70.7143



122.6740, 8.0487, 31.8579



113.8140, -18.1493, -12.1149

# Square

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



122.6740, 8.0487, 31.8579



118.5850, -23.9524, 29.3050



108.5040, -4.6855, -37.2760



105.9600, 30.5857, -56.9699



# Rectangle

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



122.6740, 8.0487, 31.8579



120.3600, -12.5025, 43.5343



108.5040, -4.6855, -37.2760



94.4870, 24.4099, -82.8651

# Sweetspot

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



122.6740, 8.0487, 31.8579



192.5870, 3.1616, 12.6402



113.2930, 22.5336, 5.8820



96.2120, 1.8675, 7.7071



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



122.6740, 8.0487, 31.8579



149.9350, 12.3570, 50.0460



119.4820, -4.1816, 34.6573



73.9620, 1.0047, 4.4183



53.4730, 19.9798, 78.5152



5.6250, 2.1569, 8.2219



# Inverse Universe

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



122.6740, 8.0487, 31.8579



149.9350, 12.3570, 50.0460



140.5180, 4.1816, -34.6573



73.9620, 1.0047, 4.4183



53.4730, 19.9798, 78.5152



5.6250, 2.1569, 8.2219



# Previews

## White Background



This preview shows how the YUV color 122.6740, 8.0487, 31.8579 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

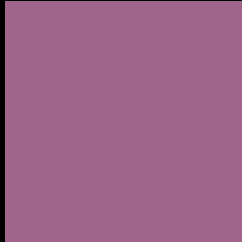
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 122.6740, 8.0487, 31.8579 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

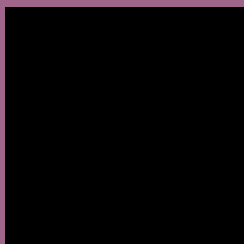
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 122.6740, 8.0487, 31.8579

## Background



This preview shows how black text looks on a background with the YUV color 122.6740, 8.0487, 31.8579.



This preview shows how white text looks on a background with the YUV color 122.6740, 8.0487,



# 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

122.6740, 8.0487, 31.8579

### Protanopia

119.9680, 15.2988, -6.9879

### Deuteranopia

121.2590, 7.2673, 2.4039



## Tritanopia

121.8620, -3.8760, 29.9390

# Trichromacy



## Original Color

122.6740, 8.0487, 31.8579

## Protanomaly

121.0730, 12.7820, 6.9520

## Deuteranomaly

121.7380, 7.5242, 13.3848

## Tritanomaly

122.0130, 0.4866, 30.6836

# Monochromacy



## Original Color

122.6740, 8.0487, 31.8579

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

122.8750, 3.0196, 11.5106

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.6740, 8.0487, 31.8579 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(159, 101, 139)` looks like.

```
.text, #text, p{  
    color:rgb(159, 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(159, 101, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 101, 139) }
```

## Border

The CSS property to change the border of an element to YUV 122.6740, 8.0487, 31.8579 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(159, 101, 139) }
```



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

```
.border{ border-color:rgb(159, 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(159, 101, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 101, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 101, 139);  
box-shadow:4px 4px 4px 4px rgb(159, 101,  
139) }
```

# Background

The CSS property to change the background color of an element to YUV 122.6740, 8.0487, 31.8579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 101, 139) }
```

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

```
.background{ background-color: rgb(159,  
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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