

# Converting Colors

YUV(122.6190, 8.0758, 23.1361)

Have a look what the booklet for  
YUV(122.6190, 8.0758, 23.1361)  
contains.

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# Color

**YUV(122.6190, 8.0758,  
23.1361)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	956A8B
RGB	149, 106, 139
RGB Percent	58%, 42%, 55%
CMY	0.4157, 0.5843, 0.4549
CMYK	0.00, 0.29, 0.07, 0.42
HSL	314°, 17%, 50%
HSV	314°, 29%, 58%
XYZ	22.2087, 18.5617, 26.8383
YIQ	122.6190, 15.0350, 19.3790

# Conversions

## Conversions Part 2

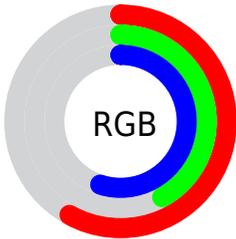
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 106, 139
Decimal	9792139
CIE <sub>Lab</sub>	50.17, 22.75, -11.31
CIE <sub>LCh</sub>	50, 25.403, 333.556
Yxy	18.5617, 0.3285, 0.2745
Android (android.graphics.Color)	4287982219 (0xFF956A8B)
YUV	122.6190, 8.0758, 23.1361
Hunter-Lab	43.0833, 16.6177, -6.7758

# Details

The YUV color **122.6190, 8.0758, 23.1361** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **132.3810, -8.0758, -23.1361**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7440, 8.5072, 24.7805**, and **73.1950, 7.7919, 20.8770** is the 20% darker color. If you saturate the color by 10%, you get **113.4720, 11.1063, 31.1581**, and if you desaturate by 10%, it is **131.7660, 5.0454, 15.1142**.

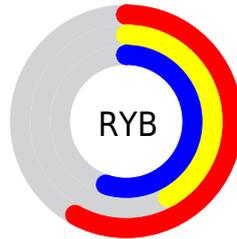
# Distribution



Red (58%)

Green (42%)

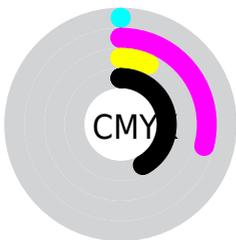
Blue (55%)



Red (58%)

Yellow (42%)

Blue (55%)

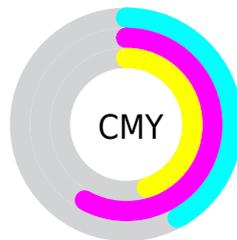


Cyan (0%)

Magenta (29%)

Yellow (7%)

Black (42%)



Cyan (42%)

Magenta (58%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.6190, 8.0758, 23.1361 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 122.6190, 8.0758, 23.1361 by changing the saturation by 10% instead.

122.6190, 8.0758,  
23.1361

122.6190, 8.0758,  
23.1361

255.0000, 0.0000,  
0.0000

97.3200, 8.2232,  
22.5214

175.7440, 8.5072,  
24.7805

73.1950, 7.7919,  
20.8770

203.0430, 8.3598,  
25.3953

49.8960, 7.9393,  
20.2622

229.6620, 9.5336,  
22.2214

28.0700, 7.3605,  
19.2326

246.7820, 4.0515,  
7.2072

12.3040, 5.7661,  
17.2734

0.0000, 0.0000,  
0.0000

122.6190, 8.0758,  
23.1361

122.6190, 8.0758,  
23.1361

113.4720, 11.1063,  
31.1581

131.7660, 5.0454,  
15.1142

104.2110, 13.7000,  
39.2800

141.0270, 2.4517,  
6.9923

95.0640, 16.7304,  
47.3019

150.1740, -0.5788,  
-1.0296

85.8030, 19.3241,  
55.4238

159.4350, -3.1725,  
-9.1515

76.6560, 22.3546,  
63.4457

168.5820, -6.2029,  
-17.1734

67.9820, 24.6589,  
71.0528

177.2560, -8.5072,  
-24.7805

58.8350, 27.6893,  
79.0747

186.4030,  
-11.5377, -32.8024

57.5470, 27.8313,

195.6640,

80.2043

-14.1314, -40.9243

 204.8110,  
-17.1618, -48.9462

# Harmonies

## Analogous

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



121.6750, 16.4292, 3.7930



122.6190, 8.0758, 23.1361



122.0520, -1.9976, 34.1574

# Triad

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



122.6190, 8.0758, 23.1361



117.9850, -20.6986, 12.2912



105.6540, 17.9186, -54.0706

# Complementary

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



122.6190, 8.0758, 23.1361



132.3810, -8.0758, -23.1361

# 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.



108.0330, 6.3927, -43.8789



122.6190, 8.0758, 23.1361



115.4280, -15.9870, -5.6374

# Square

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



122.6190, 8.0758, 23.1361



119.2410, -18.8528, 26.9756



111.8260, -6.3232, -25.2804



110.6860, 22.8328, -43.5746

# Rectangle

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



122.6190, 8.0758, 23.1361



121.2280, -8.9864, 35.7570



111.8260, -6.3232, -25.2804



106.1550, 14.7136, -52.7559

# Sweetspot

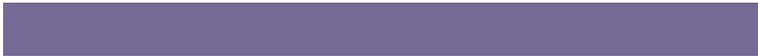
The Sweet Spot groups the original color and five complimentary colors.



122.6190, 8.0758, 23.1361



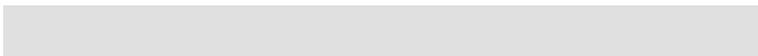
182.9780, 3.4618, 9.6663



113.5930, 17.4557, 1.2339



90.2010, 1.8729, 5.9627



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



122.6190, 8.0758, 23.1361



152.2600, 12.6898, 36.6060



120.2250, -1.0969, 25.2357



69.6630, 1.1521, 3.8035



53.3460, 25.9584, 74.2416



3.9020, 2.0203, 5.3479



# Inverse Universe

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



122.6190, 8.0758, 23.1361



152.2600, 12.6898, 36.6060



134.7750, 1.0969, -25.2357



69.6630, 1.1521, 3.8035



53.3460, 25.9584, 74.2416

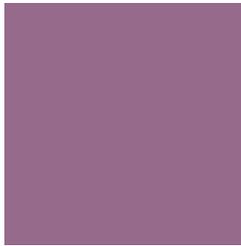


3.9020, 2.0203, 5.3479



# Previews

## White Background



This preview shows how the YUV color 122.6190, 8.0758, 23.1361 looks on a white background.

## Color Contrast Check

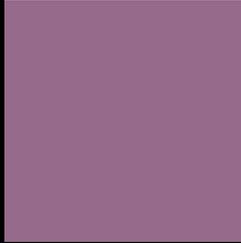
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.6190, 8.0758, 23.1361 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

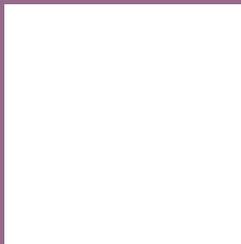
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 122.6190, 8.0758, 23.1361

## Background



This preview shows how black text looks on a background with the YUV color 122.6190, 8.0758, 23.1361.



This preview shows how white text looks on a background with the YUV color 122.6190, 8.0758,



# 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

122.6190, 8.0758, 23.1361

### Protanopia

119.8110, 13.4042, -5.9732

### Deuteranopia

121.0740, 7.8515, 1.6891



## Tritanopia

121.6760, -1.8123, 21.3321

# Trichromacy



## Original Color

122.6190, 8.0758, 23.1361

## Protanomaly

121.0080, 11.3351, 4.3780

## Deuteranomaly

121.5310, 8.1192, 9.1813

## Tritanomaly

122.3000, 1.8241, 21.6619

# Monochromacy



## Original Color

122.6190, 8.0758, 23.1361

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

122.8530, 3.0305, 8.0219

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.6190, 8.0758, 23.1361 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(149, 106, 139)` looks like.

```
.text, #text, p{  
    color:rgb(149, 106, 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(149, 106, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 106, 139) }
```

## Border

The CSS property to change the border of an element to YUV 122.6190, 8.0758, 23.1361 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(149, 106, 139) }
```

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

```
.border{ border-color:rgb(149, 106, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 106, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 106, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 106, 139);  
box-shadow:4px 4px 4px 4px rgb(149, 106,  
139) }
```

# Background

The CSS property to change the background color of an element to YUV 122.6190, 8.0758, 23.1361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 106, 139) }
```

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

```
.background{ background-color: rgb(149,  
106, 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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