

# Converting Colors

YUV(123.5800, 10.5601,  
19.6623)

Have a look what the booklet for  
YUV(123.5800, 10.5601, 19.6623)  
contains.

<b>YUV(123.5800, 10.5601, 19.6623)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(123.5800, 10.5601,  
19.6623)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	926C91
RGB	146, 108, 145
RGB Percent	57%, 42%, 57%
CMY	0.4275, 0.5765, 0.4314
CMYK	0.00, 0.26, 0.01, 0.43
HSL	302°, 15%, 50%
HSV	302°, 26%, 57%
XYZ	22.3275, 18.8805, 29.2556
YIQ	123.5800, 10.7710, 19.5630

# Conversions

## Conversions Part 2

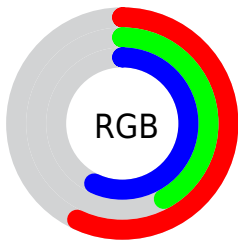
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	146, 108, 145
Decimal	9596049
CIE Lab	50.55, 21.67, -14.32
CIE LCh	51, 25.974, 326.542
Yxy	18.8805, 0.3169, 0.2679
Android (android.graphics.Color)	4287786129 (0xFF926C91)
YUV	123.5800, 10.5601, 19.6623
Hunter-Lab	43.4516, 15.6812, -9.5032

# Details

The YUV color **123.5800, 10.5601, 19.6623** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **130.4200, -10.5601, -19.6623**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.4060, 11.1388, 20.6919**, and **74.3410, 9.6919, 18.1179** is the 20% darker color. If you saturate the color by 10%, you get **114.7750, 14.9009, 27.3843**, and if you desaturate by 10%, it is **132.3850, 6.2192, 11.9404**.

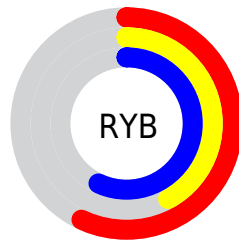
# Distribution



Red (57%)

Green (42%)

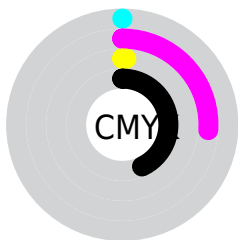
Blue (57%)



Red (57%)

Yellow (42%)

Blue (57%)

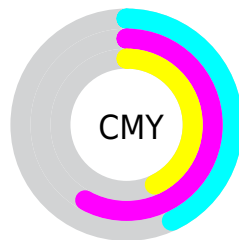


Cyan (0%)

Magenta (26%)

Yellow (1%)

Black (43%)



Cyan (43%)

Magenta (58%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 123.5800, 10.5601, 19.6623 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 123.5800, 10.5601, 19.6623 by changing the saturation by 10% instead.



123.5800, 10.5601,  
19.6623

123.5800, 10.5601,  
19.6623

255.0000, 0.0000,  
0.0000

98.1670, 10.2707,  
19.1475

176.4060, 11.1388,  
20.6919

74.3410, 9.6919,  
18.1179

204.1180, 11.2808,  
21.8215

51.0420, 9.8393,  
17.5032

231.5200, 11.5756,  
20.5920

28.9170, 9.4079,  
15.8588

247.9560, 3.4727,  
6.1776

12.1620, 7.8081,  
15.6439

0.0000, 0.0000,  
0.0000

123.5800, 10.5601,  
19.6623

123.5800, 10.5601,  
19.6623

114.7750, 14.9009,  
27.3843

132.3850, 6.2192,  
11.9404

106.4430, 18.5156,  
34.6915

140.7170, 2.6045,  
4.6332

97.6380, 22.8565,  
42.4135

149.5220, -1.7363,  
-3.0888

89.3060, 26.4711,  
49.7206

157.8540, -5.3510,  
-10.3960

80.5010, 30.8120,  
57.4426

166.6590, -9.6919,  
-18.1179

71.6960, 35.1529,  
65.1646

175.4640,  
-14.0328, -25.8399

63.3640, 38.7675,  
72.4718

183.7960,  
-17.6474, -33.1471

59.8420, 40.5039,

192.6010,

75.5606

-21.9883, -40.8691

 200.8190,  
-26.0398, -48.0763

# Harmonies

## Analogous

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



122.2120, 18.6295, -1.9399



123.5800, 10.5601, 19.6623



123.3230, 0.3338, 33.0427

# Triad

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



123.5800, 10.5601, 19.6623



119.1920, -21.2937, 16.4946



106.1870, 16.1768, -55.4150

# Complementary

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



123.5800, 10.5601, 19.6623



130.4200, -10.5601, -19.6623

# 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.



109.6590, 3.6191, -40.9199



123.5800, 10.5601, 19.6623



116.8800, -18.1818, -1.6488

# Square

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



123.5800, 10.5601, 19.6623



121.0780, -18.2795, 29.7496



113.7510, -9.2442, -21.7066



109.7670, 23.2859, -48.9077



# Rectangle

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



123.5800, 10.5601, 19.6623



122.5100, -6.6604, 36.3867



113.7510, -9.2442, -21.7066



106.8840, 12.3822, -51.6413

# Sweetspot

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



123.5800, 10.5601, 19.6623



180.0810, 3.9041, 7.8220



112.6310, 16.4509, -3.1844



88.7170, 2.6045, 4.6332



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



123.5800, 10.5601, 19.6623



154.1390, 16.2005, 30.5731



121.4140, 2.2609, 21.5619



69.8910, 2.0257, 3.6036



56.5380, 38.1888, 71.4422



4.1300, 2.8939, 5.1480



# Inverse Universe

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



123.5800, 10.5601, 19.6623



154.1390, 16.2005, 30.5731



132.5860, -2.2609, -21.5619



69.8910, 2.0257, 3.6036



56.5380, 38.1888, 71.4422



4.1300, 2.8939, 5.1480



# Previews

## White Background



This preview shows how the YUV color 123.5800, 10.5601, 19.6623 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 123.5800, 10.5601, 19.6623 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 123.5800, 10.5601, 19.6623

## Background



This preview shows how black text looks on a background with the YUV color 123.5800, 10.5601, 19.6623.



This preview shows how white text looks on a background with the YUV color 123.5800, 10.5601,



# 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

123.5800, 10.5601, 19.6623

### Protanopia

120.7830, 15.8830, -7.7027

### Deuteranopia

121.7470, 10.4777, -0.6551



## Tritanopia

122.2950, -0.6384, 18.1583

# Trichromacy



## Original Color

123.5800, 10.5601, 19.6623

## Protanomaly

121.6810, 13.9613, 2.0338

## Deuteranomaly

122.2040, 10.7454, 6.8371

## Tritanomaly

123.0330, 3.4347, 18.3881

# Monochromacy



## Original Color

123.5800, 10.5601, 19.6623

## Achromatopsia

124.0000, 0.0000, 0.0000

## Achromatomaly

123.7820, 4.0515, 7.2072

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 123.5800, 10.5601, 19.6623 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(146, 108, 145)` looks like.

```
.text, #text, p{  
    color:rgb(146, 108, 145)  
}
```

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(146, 108, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 108, 145) }
```

## Border

The CSS property to change the border of an element to YUV 123.5800, 10.5601, 19.6623 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(146, 108, 145) }
```



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

```
.border{ border-color:rgb(146, 108, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 108, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 108, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 108, 145);  
box-shadow:4px 4px 4px 4px rgb(146, 108,  
145) }
```

# Background

The CSS property to change the background color of an element to YUV 123.5800, 10.5601, 19.6623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 108, 145) }
```

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

```
.background{ background-color: rgb(146,  
108, 145) }
```

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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