

# Converting Colors

YUV(101.3170, 19.5637,  
25.1550)

Have a look what the booklet for  
YUV(101.3170, 19.5637, 25.1550)  
contains.

<b>YUV(101.3170, 19.5637, 25.1550)</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(101.3170, 19.5637,  
25.1550)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	824F8D
RGB	130, 79, 141
RGB Percent	51%, 31%, 55%
CMY	0.4902, 0.6902, 0.4471
CMYK	0.08, 0.44, 0.00, 0.45
HSL	289°, 28%, 43%
HSV	289°, 44%, 55%
XYZ	16.8096, 12.2609, 26.6799
YIQ	101.3170, 10.4940, 30.0940

# Conversions

## Conversions Part 2

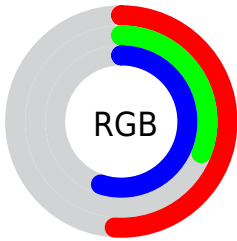
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 79, 141
Decimal	8540045
CIE <sub>Lab</sub>	41.63, 32.26, -25.79
CIE <sub>LCh</sub>	42, 41.306, 321.357
Yxy	12.2609, 0.3015, 0.2199
Android (android.graphics.Color)	4286730125 (0xFF824F8D)
YUV	101.3170, 19.5637, 25.1550
Hunter-Lab	35.0155, 24.4138, -20.6649

# Details

The YUV color **101.3170, 19.5637, 25.1550** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **118.6830, -19.5637, -25.1550**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.5560, 20.4319, 26.6994**, and **52.0780, 18.6955, 23.6106** is the 20% darker color. If you saturate the color by 10%, you get **92.2020, 24.0574, 30.5178**, and if you desaturate by 10%, it is **110.4320, 15.0700, 19.7921**.

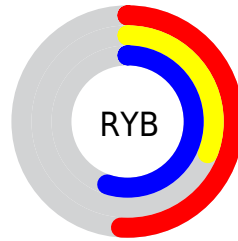
# Distribution



Red (51%)

Green (31%)

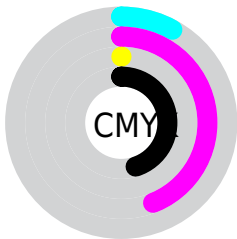
Blue (55%)



Red (51%)

Yellow (31%)

Blue (55%)

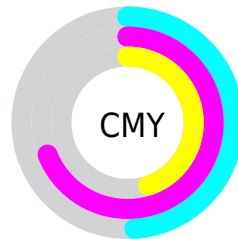


Cyan (8%)

Magenta (44%)

Yellow (0%)

Black (45%)



Cyan (49%)

Magenta (69%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.3170, 19.5637, 25.1550 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 101.3170, 19.5637, 25.1550 by changing the saturation by 10% instead.



101.3170, 19.5637,  
25.1550

101.3170, 19.5637,  
25.1550

255.0000, 0.0000,  
0.0000

76.4910, 18.9849,  
24.1254

153.5560, 20.4319,  
26.6994

52.0780, 18.6955,  
23.6106

180.3820, 21.0107,  
27.7290

28.1920, 19.1323,  
23.5106

208.2080, 21.5895,  
28.7586

15.4810, 14.0599,  
17.1182

229.1720, 12.7332,  
22.6512

3.2090, 9.7570,  
-2.8143

246.1950, 4.3409,  
7.7220

0.0000, 0.0000,  
0.0000

101.3170, 19.5637,  
25.1550

101.3170, 19.5637,  
25.1550

92.2020, 24.0574,  
30.5178

110.4320, 15.0700,  
19.7921

83.3860, 28.4037,  
36.4955

119.2480, 10.7237,  
13.8145

74.2710, 32.8974,  
41.8583

128.3630, 6.2300,  
8.4516

65.4550, 37.2437,  
47.8360

137.1790, 1.8838,  
2.4740

56.3400, 41.7374,  
53.1988

146.8810, -2.8993,  
-3.4036


50.7580, 44.4893,  
57.2172

155.6970, -7.2456,  
-9.3813

164.8120,  
-11.7393, -14.7441

173.6280,

-16.0856, -20.7218

 182.7430,  
-20.5793, -26.0846

# Harmonies

## Analogous

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



97.5770, 31.7605, -13.6610



101.3170, 19.5637, 25.1550



98.8010, 5.5211, 49.2865

# Triad

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



101.3170, 19.5637, 25.1550



95.0440, -33.5457, 26.2714



81.4130, 20.0094, -71.3992

# Complementary

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



101.3170, 19.5637, 25.1550



118.6830, -19.5637, -25.1550

# 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.



76.8360, 5.0109, -67.3852



101.3170, 19.5637, 25.1550



92.2750, -30.7016, 0.6358

# Square

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



101.3170, 19.5637, 25.1550



96.7550, -25.0222, 45.8189



86.5620, -16.0531, -31.1879



82.9580, 33.5447, -72.7542



# Rectangle

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



101.3170, 19.5637, 25.1550



97.3860, -5.1203, 55.7895



86.5620, -16.0531, -31.1879



80.1590, 15.2046, -70.2994

# Sweetspot

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



101.3170, 19.5637, 25.1550



168.4170, 7.6824, 9.2813



92.5250, 23.8982, -11.8614



82.2980, 4.7831, 5.8777



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



101.3170, 19.5637, 25.1550



121.0920, 31.0136, 39.3843



102.3260, 9.2063, 33.9171



66.5920, 2.1731, 2.9888



48.5790, 42.6056, 54.7432



2.7060, 2.6099, 2.8888



# Inverse Universe

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



98.7920, -4.3345, 37.0164



117.3540, -6.5835, 58.4485



117.6740, -9.2063, -33.9171



66.3210, -0.1583, 4.1035



43.1010, -9.4168, 80.5954

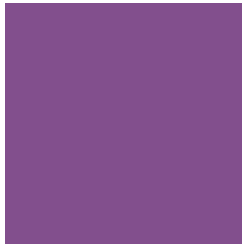


2.5060, -0.7425, 4.8182



# Previews

## White Background



This preview shows how the YUV color 101.3170, 19.5637, 25.1550 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

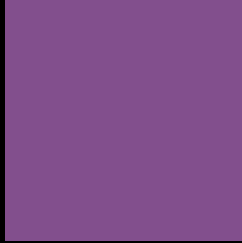
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 101.3170, 19.5637, 25.1550 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

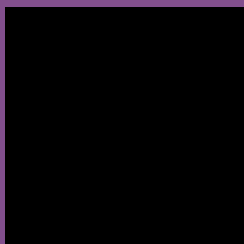
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 101.3170, 19.5637, 25.1550

## Background



This preview shows how black text looks on a background with the YUV color 101.3170, 19.5637, 25.1550.



This preview shows how white text looks on a background with the YUV color 101.3170, 19.5637,



# 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

101.3170, 19.5637, 25.1550

### Protanopia

97.4470, 28.8666, -18.8090

### Deuteranopia

98.0860, 19.6776, -11.4764



## Tritanopia

100.2630, -2.1017, 20.8173

# Trichromacy



## Original Color

101.3170, 19.5637, 25.1550

## Protanomaly

98.7480, 25.7602, -2.4100

## Deuteranomaly

98.8750, 19.7816, 1.8636

## Tritanomaly

100.3370, 5.7499, 22.5065

# Monochromacy



## Original Color

101.3170, 19.5637, 25.1550

## Achromatopsia

101.0000, 0.0000, 0.0000

## Achromatomaly

101.3030, 7.2456, 9.3813

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.3170, 19.5637, 25.1550 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(130, 79, 141)` looks like.

```
.text, #text, p{  
    color:rgb(130, 79, 141)  
}
```

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(130, 79, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 79, 141) }
```

## Border

The CSS property to change the border of an element to YUV 101.3170, 19.5637, 25.1550 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(130, 79, 141) }
```



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

```
.border{ border-color:rgb(130, 79, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 79, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 79, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 79, 141);  
box-shadow:4px 4px 4px 4px rgb(130, 79,  
141) }
```

# Background

The CSS property to change the background color of an element to YUV 101.3170, 19.5637, 25.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 79, 141) }
```

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

```
.background{ background-color: rgb(130, 79,  
141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor