

# Converting Colors

YUV(115.2170, 7.7810, 24.3657)

Have a look what the booklet for  
YUV(115.2170, 7.7810, 24.3657)  
contains.

<b>YUV(115.2170, 7.7810, 24.3657)</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(115.2170, 7.7810,  
24.3657)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F6283
RGB	143, 98, 131
RGB Percent	56%, 38%, 51%
CMY	0.4392, 0.6157, 0.4863
CMYK	0.00, 0.31, 0.08, 0.44
HSL	316°, 19%, 47%
HSV	316°, 31%, 56%
XYZ	19.7921, 16.2137, 23.5591
YIQ	115.2170, 16.2270, 19.8030

# Conversions

## Conversions Part 2

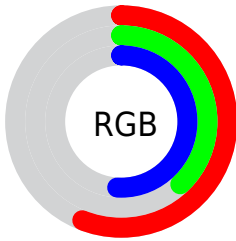
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 98, 131
Decimal	9396867
CIE <sub>Lab</sub>	47.25, 23.72, -11.01
CIE <sub>LCh</sub>	47, 26.148, 335.096
Yxy	16.2137, 0.3323, 0.2722
Android (android.graphics.Color)	4287586947 (0xFF8F6283)
YUV	115.2170, 7.7810, 24.3657
Hunter-Lab	40.2662, 17.2724, -6.5033

# Details

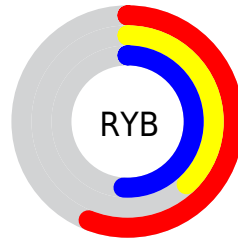
The YUV color **115.2170, 7.7810, 24.3657** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **125.7830, -7.7810, -24.3657**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.3420, 8.2124, 26.0101**, and **66.2060, 7.7864, 22.6213** is the 20% darker color. If you saturate the color by 10%, you get **106.5430, 10.0853, 31.9728**, and if you desaturate by 10%, it is **123.8910, 5.4767, 16.7586**.

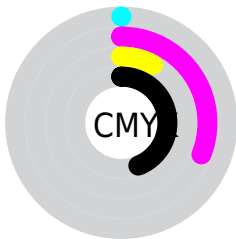
# Distribution



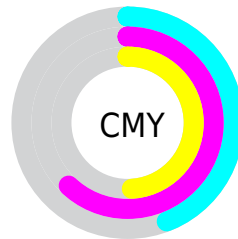
- Red (56%)
- Green (38%)
- Blue (51%)



- Red (56%)
- Yellow (38%)
- Blue (51%)



- Cyan (0%)
- Magenta (31%)
- Yellow (8%)
- Black (44%)




- Cyan (44%)
- Magenta (62%)
- Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 115.2170, 7.7810, 24.3657 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 115.2170, 7.7810, 24.3657 by changing the saturation by 10% instead.




 115.2170, 7.7810,  
24.3657

 115.2170, 7.7810,  
24.3657

255.0000, 0.0000,  
0.0000


 90.5050, 7.6390,  
23.2361

 167.3420, 8.2124,  
26.0101


 66.2060, 7.7864,  
22.6213


 195.0540, 8.3544,  
27.1396

 43.4940, 7.6445,  
21.4918

 223.3530, 8.2070,  
27.7544

 20.8960, 7.9393,  
20.2622

 241.4990, 6.6560,  
11.8404

 7.6900, 3.6038,  
10.7959

 0.0000, 0.0000,  
0.0000

■ 115.2170, 7.7810,  
24.3657

■ 115.2170, 7.7810,  
24.3657

■ 106.5430, 10.0853,  
31.9728

■ 123.8910, 5.4767,  
16.7586

■ 97.2820, 12.6790,  
40.0947

■ 133.1520, 2.8831,  
8.6367

■ 88.7220, 15.4201,  
47.6018

■ 141.7120, 0.1420,  
1.1296

■ 80.0480, 17.7243,  
55.2089

■ 150.3860, -2.1623,  
-6.4775

■ 71.3740, 20.0286,  
62.8160

■ 159.6470, -4.7560,  
-14.5994

■ 62.1130, 22.6223,  
70.9379


■ 168.3210, -7.0603,  
-22.2065

■ 54.7270, 24.7846,  
77.4154

■ 176.9950, -9.3645,  
-29.8136

■ 185.6690,

-11.6688, -37.4207

 194.8160,  
-14.6993, -45.4426

# Harmonies

## Analogous

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



114.3870, 16.5712, 4.9226



115.2170, 7.7810, 24.3657



114.2370, -2.5818, 34.8722

# Triad

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



115.2170, 7.7810, 24.3657



110.2730, -20.8406, 11.1616



96.1910, 20.1188, -59.8035

# Complementary

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



115.2170, 7.7810, 24.3657



125.7830, -7.7810, -24.3657

# 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.



99.3530, 7.7140, -47.6676



115.2170, 7.7810, 24.3657



107.7160, -16.1290, -6.7669

# Square

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



115.2170, 7.7810, 24.3657



111.8280, -19.1422, 26.4608



104.0430, -5.4442, -27.2247



102.3160, 24.0012, -45.0041



# Rectangle

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



115.2170, 7.7810, 24.3657



113.5270, -9.1338, 36.3718



104.0430, -5.4442, -27.2247



96.5780, 16.4770, -58.3889

# Sweetspot

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



115.2170, 7.7810, 24.3657



175.5650, 3.1725, 9.1515



106.7180, 17.8870, 2.8783



87.9020, 2.0203, 5.3479



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.



115.2170, 7.7810, 24.3657



142.1570, 12.2476, 38.4503



112.7090, -1.8285, 26.5652



66.6630, 1.1521, 3.8035



51.6510, 23.3431, 73.0971



3.0760, 1.4415, 4.3183



# Inverse Universe

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



115.2170, 7.7810, 24.3657



142.1570, 12.2476, 38.4503



128.4050, 2.2653, -26.6652



66.6630, 1.1521, 3.8035



51.6510, 23.3431, 73.0971



3.0760, 1.4415, 4.3183



# Previews

## White Background



This preview shows how the YUV color 115.2170, 7.7810, 24.3657 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

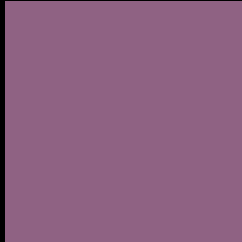
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 115.2170, 7.7810, 24.3657 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 115.2170, 7.7810, 24.3657

## Background



This preview shows how black text looks on a background with the YUV color 115.2170, 7.7810, 24.3657.



This preview shows how white text looks on a background with the YUV color 115.2170, 7.7810,



# 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

115.2170, 7.7810, 24.3657

### Protanopia

112.5120, 13.5516, -6.5880

### Deuteranopia

113.6610, 7.5621, 1.1743



## Tritanopia

114.2740, -2.1071, 22.5617

# Trichromacy



## Original Color

115.2170, 7.7810, 24.3657

## Protanomaly

113.4210, 11.6244, 4.8928

## Deuteranomaly

114.4170, 7.6824, 9.2813

## Tritanomaly

114.8980, 1.5293, 22.8915

# Monochromacy



## Original Color

115.2170, 7.7810, 24.3657

## Achromatopsia

115.0000, 0.0000, 0.0000

## Achromatomaly

115.1520, 2.8831, 8.6367

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 115.2170, 7.7810, 24.3657 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(143, 98, 131)` looks like.

```
.text, #text, p{  
    color:rgb(143, 98, 131)  
}
```

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(143, 98, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 98, 131) }
```

## Border

The CSS property to change the border of an element to YUV 115.2170, 7.7810, 24.3657 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(143, 98, 131) }
```



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

```
.border{ border-color:rgb(143, 98, 131) }
```

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

Here you see how a box with a 4 pixel rgb(143, 98, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 98, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 98, 131);  
box-shadow:4px 4px 4px 4px rgb(143, 98,  
131) }
```

# Background

The CSS property to change the background color of an element to YUV 115.2170, 7.7810, 24.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 98, 131) }
```

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

```
.background{ background-color: rgb(143, 98,  
131) }
```

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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