

# Converting Colors

YUV(112.8840, 12.8752,  
23.7807)

Have a look what the booklet for  
YUV(112.8840, 12.8752, 23.7807)  
contains.

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# Color

**YUV(112.8840, 12.8752,  
23.7807)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C5E8B
RGB	140, 94, 139
RGB Percent	55%, 37%, 55%
CMY	0.4510, 0.6314, 0.4549
CMYK	0.00, 0.33, 0.01, 0.45
HSL	301°, 20%, 46%
HSV	301°, 33%, 55%
XYZ	19.4781, 15.4449, 26.3807
YIQ	112.8840, 12.9710, 23.7470

# Conversions

## Conversions Part 2

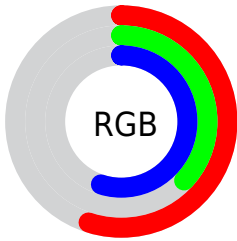
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 94, 139
Decimal	9199243
CIE <sub>Lab</sub>	46.24, 26.52, -17.38
CIE <sub>LCh</sub>	46, 31.705, 326.767
Yxy	15.4449, 0.3177, 0.2519
Android (android.graphics.Color)	4287389323 (0xFF8C5E8B)
YUV	112.8840, 12.8752, 23.7807
Hunter-Lab	39.3000, 19.6941, -12.2891

# Details

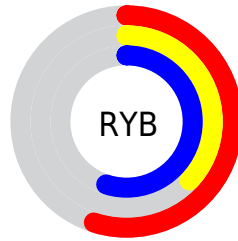
The YUV color **112.8840, 12.8752, 23.7807** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **121.1160, -12.8752, -23.7807**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1230, 13.7434, 25.3251**, and **63.7590, 12.4438, 22.1364** is the 20% darker color. If you saturate the color by 10%, you get **104.6660, 16.9267, 30.9879**, and if you desaturate by 10%, it is **121.1020, 8.8237, 16.5735**.

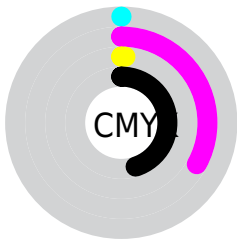
# Distribution



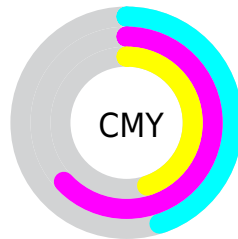
- Red (55%)
- Green (37%)
- Blue (55%)



- Red (55%)
- Yellow (37%)
- Blue (55%)



- Cyan (0%)
- Magenta (33%)
- Yellow (1%)
- Black (45%)




- Cyan (45%)
- Magenta (63%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 112.8840, 12.8752, 23.7807 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 112.8840, 12.8752, 23.7807 by changing the saturation by 10% instead.





 112.8840, 12.8752,  
23.7807


 112.8840, 12.8752,  
23.7807


255.0000, 0.0000,  
0.0000


 88.0580, 12.2964,  
22.7511


 165.1230, 13.7434,  
25.3251


 63.7590, 12.4438,  
22.1364


 192.5360, 14.0328,  
25.8399


 40.9330, 11.8650,  
21.1068

 220.2480, 14.1747,  
26.9695

 18.0470, 12.3018,  
21.0068

 239.1510, 7.8136,  
13.8996

 6.6940, 7.5459,  
6.4074

 0.0000, 0.0000,  
0.0000

■ 112.8840, 12.8752,  
23.7807

■ 112.8840, 12.8752,  
23.7807

■ 104.6660, 16.9267,  
30.9879

■ 121.1020, 8.8237,  
16.5735

■ 96.3340, 20.5413,  
38.2951

■ 129.4340, 5.2090,  
9.2664

■ 88.1160, 24.5928,  
45.5023

■ 137.6520, 1.1576,  
2.0592

■ 79.8980, 28.6443,  
52.7095

■ 145.8700, -2.8939,  
-5.1480

■ 71.5660, 32.2590,  
60.0166

■ 154.2020, -6.5086,  
-12.4552

■ 63.3480, 36.3104,  
67.2238


■ 162.4200,  
-10.5601, -19.6623

■ 57.4780, 39.2043,  
72.3718

■ 170.6380,  
-14.6115, -26.8695

■ 178.8560,

-18.6630, -34.0767

 187.1880,  
-22.2777, -41.3839

# Harmonies

## Analogous

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



111.2380, 22.5607, -2.8397



112.8840, 12.8752, 23.7807



111.5950, 1.1857, 39.8202

# Triad

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



112.8840, 12.8752, 23.7807



107.7640, -25.5197, 18.6240



87.3630, 22.4990, -76.6174

# Complementary

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



112.8840, 12.8752, 23.7807



121.1160, -12.8752, -23.7807

# 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.



91.4610, 7.1677, -59.1633



112.8840, 12.8752, 23.7807



104.9570, -21.6708, -2.5933

# Square

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



112.8840, 12.8752, 23.7807



109.6010, -21.4953, 34.5529



100.9630, -10.8278, -27.1546



87.8820, 32.1032, -77.0725



# Rectangle

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



112.8840, 12.8752, 23.7807



111.3260, -7.5557, 43.5641



100.9630, -10.8278, -27.1546



86.3370, 18.5679, -75.7175

# Sweetspot

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



112.8840, 12.8752, 23.7807



170.4340, 5.2090, 9.2664



99.5430, 19.9453, -3.9842



85.5430, 3.1833, 5.6628



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.



112.8840, 12.8752, 23.7807



139.2090, 20.1100, 36.6507



110.2620, 2.8288, 26.0802



64.8910, 2.0257, 3.6036



54.5870, 37.1786, 68.7682



2.0650, 1.4470, 2.5740



# Inverse Universe

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



112.8840, 12.8752, 23.7807



139.2090, 20.1100, 36.6507



123.7380, -2.8288, -26.0802



64.8910, 2.0257, 3.6036



54.5870, 37.1786, 68.7682



2.0650, 1.4470, 2.5740



# Previews

## White Background



This preview shows how the YUV color 112.8840, 12.8752, 23.7807 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

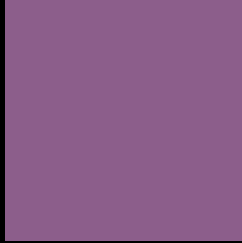
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 112.8840, 12.8752, 23.7807 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

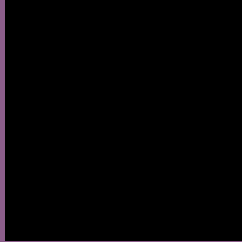
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 112.8840, 12.8752, 23.7807

## Background



This preview shows how black text looks on a background with the YUV color 112.8840, 12.8752, 23.7807.



This preview shows how white text looks on a background with the YUV color 112.8840, 12.8752, 23.7807.



# 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

112.8840, 12.8752, 23.7807

### Protanopia

109.7980, 19.8196, -10.3468

### Deuteranopia

110.8930, 12.3778, -3.4142



## Tritanopia

111.6760, -1.8123, 21.3321

# Trichromacy



## Original Color

112.8840, 12.8752, 23.7807

## Protanomaly

110.8920, 17.3082, 1.8487

## Deuteranomaly

111.6600, 12.4926, 6.4372

## Tritanomaly

112.0550, 3.4239, 21.8768

# Monochromacy



## Original Color

112.8840, 12.8752, 23.7807

## Achromatopsia

113.0000, 0.0000, 0.0000

## Achromatomaly

112.9070, 4.4828, 8.8516

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 112.8840, 12.8752, 23.7807 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(140, 94, 139)` looks like.

```
.text, #text, p{  
    color:rgb(140, 94, 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(140, 94, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 94, 139) }
```

## Border

The CSS property to change the border of an element to YUV 112.8840, 12.8752, 23.7807 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(140, 94, 139) }
```



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

```
.border{ border-color:rgb(140, 94, 139) }
```

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

Here you see how a box with a 4 pixel rgb(140, 94, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 94, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 94, 139);  
box-shadow:4px 4px 4px 4px rgb(140, 94,  
139) }
```

# Background

The CSS property to change the background color of an element to YUV 112.8840, 12.8752, 23.7807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 94, 139) }
```

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

```
.background{ background-color: rgb(140, 94,  
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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