

Converting Colors

YUV(115.2870, 8.2395, 17.2883)

Have a look what the booklet for
YUV(115.2870, 8.2395, 17.2883)
contains.

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Color

**YUV(115.2870, 8.2395,
17.2883)**

Conversions

Conversions Part 1

Format	Color
Hex	876684
RGB	135, 102, 132
RGB Percent	53%, 40%, 52%
CMY	0.4706, 0.6000, 0.4824
CMYK	0.00, 0.24, 0.02, 0.47
HSL	305°, 14%, 46%
HSV	305°, 24%, 53%
XYZ	18.9079, 16.3196, 23.9832
YIQ	115.2870, 10.0380, 16.3260

Conversions

Conversions Part 2

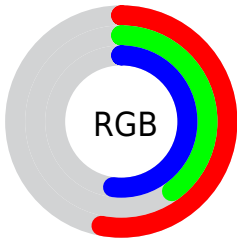
Format	Color
R_{YB}	135, 102, 132
Decimal	8873604
CIE _{Lab}	47.39, 18.64, -11.49
CIE _{LCh}	47, 21.900, 328.354
Yxy	16.3196, 0.3193, 0.2756
Android (android.graphics.Color)	4287063684 (0xFF876684)
YUV	115.2870, 8.2395, 17.2883
Hunter-Lab	40.3975, 12.8506, -6.9211

Details

The YUV color **115.2870, 8.2395, 17.2883** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **121.7130, -8.2395, -17.2883**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4120, 8.6709, 18.9327**, and **67.1620, 7.8081, 15.6439** is the 20% darker color. If you saturate the color by 10%, you get **107.5420, 11.5648, 24.0807**, and if you desaturate by 10%, it is **123.6190, 4.6248, 9.9811**.

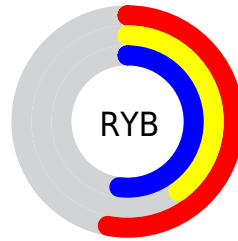
Distribution



Red (53%)

Green (40%)

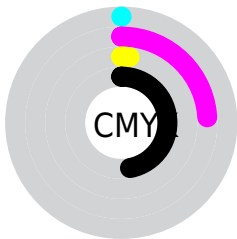
Blue (52%)



Red (53%)

Yellow (40%)

Blue (52%)

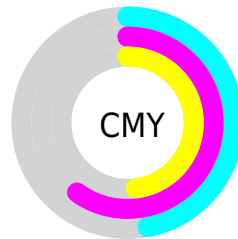


Cyan (0%)

Magenta (24%)

Yellow (2%)

Black (47%)



Cyan (47%)

Magenta (60%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.2870, 8.2395, 17.2883 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 115.2870, 8.2395, 17.2883 by changing the saturation by 10% instead.

■ 115.2870, 8.2395,
17.2883

■ 115.2870, 8.2395,
17.2883

255.0000, 0.0000,
0.0000

■ 90.5750, 8.0975,
16.1587

■ 167.4120, 8.6709,
18.9327

■ 67.1620, 7.8081,
15.6439

■ 194.8250, 8.9603,
19.4475

■ 44.3360, 7.2294,
14.6143

■ 222.8250, 8.9603,
19.4475

■ 23.0370, 7.3768,
13.9996

■ 243.8470, 5.4984,
9.7812

■ 5.1130, 5.3673,
5.1629

■ 0.0000, 0.0000,
0.0000

■ 115.2870, 8.2395,
17.2883

■ 115.2870, 8.2395,
17.2883

■ 107.5420, 11.5648,
24.0807

■ 123.6190, 4.6248,
9.9811

■ 99.2100, 15.1795,
31.3878

■ 131.3640, 1.2995,
3.1888

■ 91.3510, 18.0680,
38.2802

■ 139.8100, -1.8783,
-4.2184

■ 83.0190, 21.6826,
45.5873

■ 147.5550, -5.2036,
-11.0107

■ 75.2740, 25.0079,
52.3797

■ 155.8870, -8.8183,
-18.3179

■ 66.9420, 28.6226,
59.6869

■ 163.6320,
-12.1436, -25.1103

■ 59.0830, 31.5111,
66.5792


■ 171.4910,
-15.0321, -32.0026

■ 54.3870, 33.8262,

■ 179.8230,

70.6976

-18.6467, -39.3098

 188.1550,
-22.2614, -46.6169

Harmonies

Analogous

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



114.0120, 15.2771, -0.0105



115.2870, 8.2395, 17.2883



115.0620, -0.5236, 28.0096

Triad

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



115.2870, 8.2395, 17.2883



111.4950, -17.4990, 12.7209



102.4660, 13.0813, -42.5047

Complementary

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



115.2870, 8.2395, 17.2883



121.7130, -8.2395, -17.2883

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.



104.2900, 3.3080, -34.4573



115.2870, 8.2395, 17.2883



109.7920, -14.6875, -2.4486

Square

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



115.2870, 8.2395, 17.2883



113.1420, -15.3530, 24.4315



107.3430, -7.0711, -18.7178



104.6930, 18.8854, -37.4418

Rectangle

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



115.2870, 8.2395, 17.2883



114.2920, -6.0600, 30.4389



107.3430, -7.0711, -18.7178



102.9670, 9.8763, -41.1901

Sweetspot

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



115.2870, 8.2395, 17.2883



168.8420, 3.0359, 6.2776



106.6590, 13.9721, -1.4549



84.8910, 2.0257, 3.6036



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



115.2870, 8.2395, 17.2883



145.4930, 12.5750, 26.7546



113.4630, 1.2507, 18.8879



62.4780, 1.7363, 3.0888



52.3220, 32.3793, 68.1236



1.1250, 0.4314, 1.6444

Inverse Universe

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



115.2870, 8.2395, 17.2883



145.4930, 12.5750, 26.7546



123.5370, -1.2507, -18.8879



62.4780, 1.7363, 3.0888



52.3220, 32.3793, 68.1236



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 115.2870, 8.2395, 17.2883 looks on a white background.

Color Contrast Check

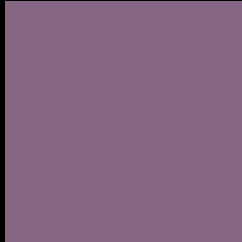
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.2870, 8.2395, 17.2883 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 115.2870, 8.2395, 17.2883

Background



This preview shows how black text looks on a background with the YUV color 115.2870, 8.2395, 17.2883.



This preview shows how white text looks on a background with the YUV color 115.2870, 8.2395,

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

115.2870, 8.2395, 17.2883

Protanopia

113.1700, 12.2412, -6.2881

Deuteranopia

113.8890, 8.4357, 0.9743



Tritanopia

114.0990, -0.0488, 15.6992

Trichromacy



Original Color

115.2870, 8.2395, 17.2883

Protanomaly

113.8830, 10.9037, 2.7336

Deuteranomaly

114.2210, 8.2720, 6.8222

Tritanomaly

114.6090, 3.1508, 16.1289

Monochromacy



Original Color

115.2870, 8.2395, 17.2883

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.8420, 3.0359, 6.2776

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.2870, 8.2395, 17.2883 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(135, 102, 132)` looks like.

```
.text, #text, p{  
    color:rgb(135, 102, 132)  
}
```

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(135, 102, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 102, 132) }
```

Border

The CSS property to change the border of an element to YUV 115.2870, 8.2395, 17.2883 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(135, 102, 132) }
```


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

```
.border{ border-color:rgb(135, 102, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 102, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 102, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 102, 132);  
box-shadow:4px 4px 4px 4px rgb(135, 102,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 115.2870, 8.2395, 17.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 102, 132) }
```

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

```
.background{ background-color: rgb(135,  
102, 132) }
```

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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