

Converting Colors

YUV(115.7600, 7.5133, 16.8735)

Have a look what the booklet for
YUV(115.7600, 7.5133, 16.8735)
contains.

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Color

**YUV(115.7600, 7.5133,
16.8735)**

Conversions

Conversions Part 1

Format	Color
Hex	876783
RGB	135, 103, 131
RGB Percent	53%, 40%, 51%
CMY	0.4706, 0.5961, 0.4863
CMYK	0.00, 0.24, 0.03, 0.47
HSL	308°, 13%, 47%
HSV	308°, 24%, 53%
XYZ	18.9387, 16.4901, 23.6575
YIQ	115.7600, 10.0840, 15.4920

Conversions

Conversions Part 2

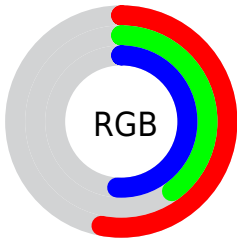
Format	Color
R_{YB}	135, 103, 131
Decimal	8873859
CIE _{Lab}	47.61, 17.85, -10.56
CIE _{LCh}	48, 20.743, 329.393
Yxy	16.4901, 0.3205, 0.2791
Android (android.graphics.Color)	4287063939 (0xFF876783)
YUV	115.7600, 7.5133, 16.8735
Hunter-Lab	40.6080, 12.1844, -6.1157

Details

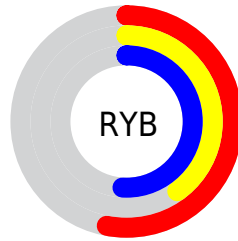
The YUV color **115.7600, 7.5133, 16.8735** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **122.2400, -7.5133, -16.8735**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8850, 7.9447, 18.5179**, and **67.6350, 7.0819, 15.2291** is the 20% darker color. If you saturate the color by 10%, you get **107.9010, 10.4018, 23.7658**, and if you desaturate by 10%, it is **124.2060, 4.3354, 9.4663**.

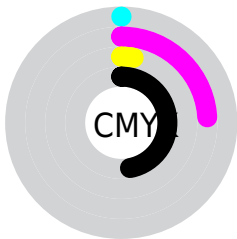
Distribution



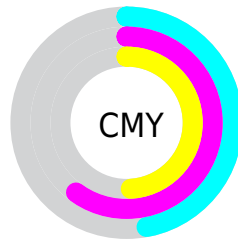
- Red (53%)
- Green (40%)
- Blue (51%)



- Red (53%)
- Yellow (40%)
- Blue (51%)



- Cyan (0%)
- Magenta (24%)
- Yellow (3%)
- Black (47%)



- Cyan (47%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.7600, 7.5133, 16.8735 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 115.7600, 7.5133, 16.8735 by changing the saturation by 10% instead.


 115.7600, 7.5133,
16.8735


 115.7600, 7.5133,
16.8735


255.0000, 0.0000,
0.0000


 91.0480, 7.3713,
15.7439


 167.8850, 7.9447,
18.5179


 67.6350, 7.0819,
15.2291


 195.2980, 8.2341,
19.0327

 44.9230, 6.9400,
14.0995

 223.2980, 8.2341,
19.0327

 23.5100, 6.6506,
13.5847

 244.4340, 5.2090,
9.2664

 5.2980, 4.7831,
5.8777

 0.0000, 0.0000,
0.0000

■ 115.7600, 7.5133,
16.8735

■ 115.7600, 7.5133,
16.8735

■ 107.9010, 10.4018,
23.7658

■ 124.2060, 4.3354,
9.4663

■ 99.5690, 14.0165,
31.0730

■ 131.9510, 1.0102,
2.6740

■ 91.7100, 16.9050,
37.9653

■ 140.3970, -2.1677,
-4.7332

■ 83.2640, 20.0828,
45.3725

■ 148.2560, -5.0562,
-11.6255

■ 75.5190, 23.4081,
52.1648

■ 156.5880, -8.6709,
-18.9327

■ 67.0730, 26.5860,
59.5720

■ 164.4470,
-11.5594, -25.8250

■ 59.2140, 29.4745,
66.4643

■ 172.8930,
-14.7372, -33.2322

■ 53.8170, 31.6422,

■ 180.7520,

71.1975

-17.6257, -40.1245

 189.0840,
-21.2404, -47.4317

Harmonies

Analogous

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



114.6700, 13.9667, 0.2894



115.7600, 7.5133, 16.8735



115.3500, -0.6655, 26.8801

Triad

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



115.7600, 7.5133, 16.8735



112.3100, -16.9148, 12.0061



103.9610, 12.3442, -39.4308

Complementary

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



115.7600, 7.5133, 16.8735



122.2400, -7.5133, -16.8735

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.



105.6000, 3.1552, -32.0982



115.7600, 7.5133, 16.8735



110.0200, -13.8139, -2.6485

Square

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



115.7600, 7.5133, 16.8735



113.5440, -15.0582, 23.2019



107.8700, -6.3449, -18.3030



106.3730, 17.5641, -33.6531

Rectangle

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



115.7600, 7.5133, 16.8735



114.5800, -6.2019, 29.3093



107.8700, -6.3449, -18.3030



104.2770, 9.7234, -38.8309

Sweetspot

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



115.7600, 7.5133, 16.8735



168.7280, 2.5991, 6.3775



107.8440, 13.3879, -0.7402



84.7770, 1.5889, 3.7036



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.



115.7600, 7.5133, 16.8735



146.5530, 11.5594, 25.8250



113.9360, 0.5246, 18.4731



62.3640, 1.2995, 3.1888



51.8660, 30.6321, 68.5235



1.1250, 0.4314, 1.6444

Inverse Universe

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



115.7600, 7.5133, 16.8735



146.5530, 11.5594, 25.8250



124.0640, -0.5246, -18.4731



62.3640, 1.2995, 3.1888



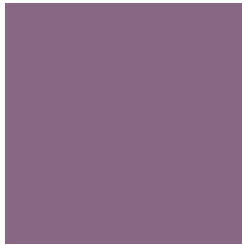
51.8660, 30.6321, 68.5235



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 115.7600, 7.5133, 16.8735 looks on a white background.

Color Contrast Check

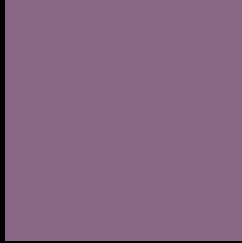
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.7600, 7.5133, 16.8735 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 115.7600, 7.5133, 16.8735

Background



This preview shows how black text looks on a background with the YUV color 115.7600, 7.5133, 16.8735.



This preview shows how white text looks on a background with the YUV color 115.7600, 7.5133,

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

115.7600, 7.5133, 16.8735

Protanopia

113.6540, 11.5096, -4.9586

Deuteranopia

114.0740, 7.8515, 1.6891



Tritanopia

114.9850, -0.4856, 15.7992

Trichromacy



Original Color

115.7600, 7.5133, 16.8735

Protanomaly

114.6550, 10.0301, 2.9336

Deuteranomaly

114.4060, 7.6878, 7.5369

Tritanomaly

115.3810, 2.2772, 16.3289

Monochromacy



Original Color

115.7600, 7.5133, 16.8735

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.7280, 2.5991, 6.3775

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.7600, 7.5133, 16.8735 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, 103, 131)` looks like.

```
.text, #text, p{  
    color:rgb(135, 103, 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(135, 103, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 103, 131) }
```

Border

The CSS property to change the border of an element to YUV 115.7600, 7.5133, 16.8735 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, 103, 131) }
```


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

```
.border{ border-color:rgb(135, 103, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 103, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 103, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 103, 131); box-shadow:4px 4px 4px 4px rgb(135, 103, 131) }
```

Background

The CSS property to change the background color of an element to YUV 115.7600, 7.5133, 16.8735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 103, 131) }
```

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

```
.background{ background-color: rgb(135,  
103, 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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