

Converting Colors

YUV(156.7900, 15.3865,
11.5852)

Have a look what the booklet for
YUV(156.7900, 15.3865, 11.5852)
contains.

YUV(156.7900, 15.3865, 11.5852)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(156.7900, 15.3865,
11.5852)**

Conversions

Conversions Part 1

Format	Color
Hex	AA90BC
RGB	170, 144, 188
RGB Percent	67%, 56%, 74%
CMY	0.3333, 0.4353, 0.2627
CMYK	0.10, 0.23, 0.00, 0.26
HSL	275°, 25%, 65%
HSV	275°, 23%, 74%
XYZ	35.6279, 32.1234, 51.8996
YIQ	156.7900, 1.3720, 19.1960

Conversions

Conversions Part 2

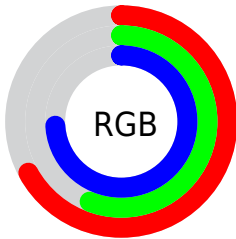
Format	Color
R _Y B	170, 144, 188
Decimal	11178172
CIE Lab	63.44, 18.08, -19.26
CIE LCh	63, 26.413, 313.193
Yxy	32.1234, 0.2978, 0.2685
Android (android.graphics.Color)	4289368252 (0xFFAA90BC)
YUV	156.7900, 15.3865, 11.5852
Hunter-Lab	56.6775, 13.0208, -14.6176

Details

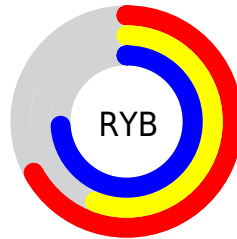
The YUV color **156.7900, 15.3865, 11.5852** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **175.2100, -15.3865, -11.5852**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.6160, 15.9653, 12.6148**, and **104.9640, 14.8077, 10.5556** is the 20% darker color. If you saturate the color by 10%, you get **143.2450, 22.0642, 16.4481**, and if you desaturate by 10%, it is **170.3350, 8.7088, 6.7222**.

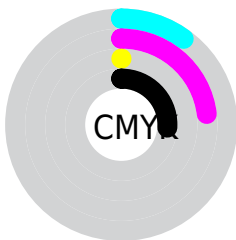
Distribution



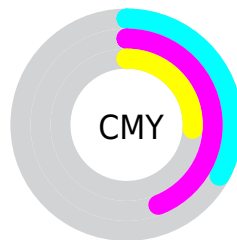
- Red (67%)
- Green (56%)
- Blue (74%)



- Red (67%)
- Yellow (56%)
- Blue (74%)



- Cyan (10%)
- Magenta (23%)
- Yellow (0%)
- Black (26%)



- Cyan (33%)
- Magenta (44%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.7900, 15.3865, 11.5852 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 156.7900, 15.3865, 11.5852 by changing the saturation by 10% instead.

■ 156.7900, 15.3865,
11.5852

■ 156.7900, 15.3865,
11.5852

255.0000, 0.0000,
0.0000

■ 130.3770, 15.0971,
11.0704

■ 211.6160, 15.9653,
12.6148

■ 104.9640, 14.8077,
10.5556

■ 237.6780, 8.5397,
14.3144

■ 81.0240, 13.7922,
9.6260

■ 57.6110, 13.5028,
9.1112

■ 35.6710, 12.4872,
8.1815

■ 12.9210, 13.3499,
11.4703

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 156.7900, 15.3865,
11.5852

■ 156.7900, 15.3865,
11.5852

■ 143.2450, 22.0642,
16.4481

■ 170.3350, 8.7088,
6.7222

■ 129.9990, 28.5945,
21.9259

■ 183.5810, 2.1786,
1.2445

■ 117.0410, 34.9828,
26.2740

■ 196.5390, -4.2097,
-3.1037

■ 103.4960, 41.6605,
31.1370

■ 210.0840,
-10.8874, -7.9667

■ 90.2500, 48.1908,
36.6148

■ 223.3300,
-17.4177, -13.4444

76.7050, 54.8684,
41.4777

235.7010,
-23.5166, -17.2778

63.1600, 61.5461,
46.3407

238.0930,
-24.6958, -12.3596

54.6210, 65.7558,
49.4444

240.4850,
-25.8751, -7.4413

242.5780,
-26.9070, -3.1379

Harmonies

Analogous

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



153.4710, 22.4458, -12.6911



156.7900, 15.3865, 11.5852



157.5660, 5.1440, 30.1986

Triad

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



156.7900, 15.3865, 11.5852



153.7200, -22.0470, 24.8016



142.0260, 10.3402, -50.0118

Complementary

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



156.7900, 15.3865, 11.5852



175.2100, -15.3865, -11.5852

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.



144.9820, -2.9491, -34.1872



156.7900, 15.3865, 11.5852



151.1370, -21.2665, 7.7729

Square

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



156.7900, 15.3865, 11.5852



154.9910, -16.2646, 36.8419



148.4270, -14.5075, -13.5295



142.4630, 20.9707, -53.0261

Rectangle

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



156.7900, 15.3865, 11.5852



156.6610, -2.2979, 37.1313



148.4270, -14.5075, -13.5295



142.9080, 5.9614, -45.5233

Sweetspot

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



156.7900, 15.3865, 11.5852



232.9280, 5.9515, 4.4481



159.5820, 14.0101, -13.6654



115.5210, 3.1941, 2.1741



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



156.7900, 15.3865, 11.5852



196.1250, 24.0954, 18.3074



161.7160, 10.9860, 23.0511



87.5210, 3.1941, 2.1741



45.8190, 55.3052, 41.3777



8.9160, 10.8874, 7.9667

Inverse Universe

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



159.2080, 1.3765, 25.2506



199.8230, 2.0593, 39.6202



170.2840, -10.9860, -23.0511



88.1470, 0.4205, 5.1331



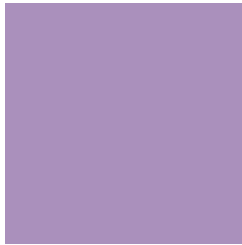
54.6520, 5.1016, 90.6362



10.7510, 1.1088, 17.7584

Previews

White Background



This preview shows how the YUV color 156.7900, 15.3865, 11.5852 looks on a white background.

Color Contrast Check

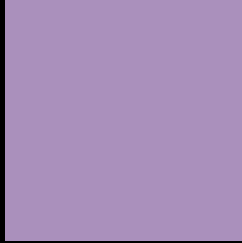
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 156.7900, 15.3865, 11.5852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

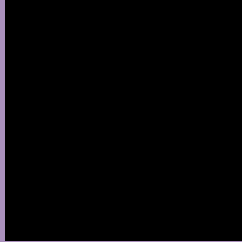
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.7900, 15.3865, 11.5852 Background



This preview shows how black text looks on a background with the YUV color 156.7900, 15.3865, 11.5852.



This preview shows how white text looks on a background with the YUV color 156.7900, 15.3865,

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

156.7900, 15.3865, 11.5852

Protanopia

154.0970, 19.6722, -9.7321

Deuteranopia

154.8160, 15.8667, -2.4696



Tritanopia

155.4510, 2.7357, 9.2515

Trichromacy



Original Color

156.7900, 15.3865, 11.5852

Protanomaly

155.0980, 18.1927, -1.8399

Deuteranomaly

155.7350, 15.4136, 2.8634

Tritanomaly

155.7160, 7.5350, 9.8961

Monochromacy



Original Color

156.7900, 15.3865, 11.5852

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.8140, 5.5147, 4.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.7900, 15.3865, 11.5852 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(170, 144, 188)` looks like.

```
.text, #text, p{  
    color:rgb(170, 144, 188)  
}
```

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(170, 144, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 144, 188) }
```

Border

The CSS property to change the border of an element to YUV 156.7900, 15.3865, 11.5852 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(170, 144, 188) }
```


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

```
.border{ border-color:rgb(170, 144, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 144, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 144, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 144, 188);  
box-shadow:4px 4px 4px 4px rgb(170, 144,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 156.7900, 15.3865, 11.5852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 144, 188) }
```

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

```
.background{ background-color: rgb(170,  
144, 188) }
```

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