

Converting Colors

YUV(115.6900, 3.6038, 10.7959)

Have a look what the booklet for
YUV(115.6900, 3.6038, 10.7959)
contains.

YUV(115.6900, 3.6038, 10.7959)	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(115.6900, 3.6038,
10.7959)**

Conversions

Conversions Part 1

Format	Color
Hex	806C7B
RGB	128, 108, 123
RGB Percent	50%, 42%, 48%
CMY	0.4980, 0.5765, 0.5176
CMYK	0.00, 0.16, 0.04, 0.50
HSL	315°, 8%, 46%
HSV	315°, 16%, 50%
XYZ	17.8398, 16.7444, 21.0306
YIQ	115.6900, 7.1050, 8.9050

Conversions

Conversions Part 2

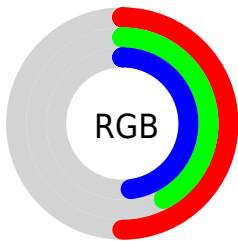
Format	Color
R_{YB}	128, 108, 123
Decimal	8416379
CIE _{Lab}	47.94, 10.69, -5.37
CIE _{LCh}	48, 11.965, 333.308
Yxy	16.7444, 0.3208, 0.3011
Android (android.graphics.Color)	4286606459 (0xFF806C7B)
YUV	115.6900, 3.6038, 10.7959
Hunter-Lab	40.9199, 6.2106, -1.8279

Details

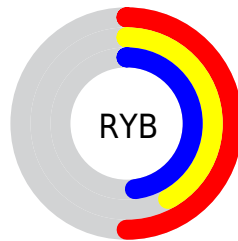
The YUV color **115.6900, 3.6038, 10.7959** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **120.3100, -3.6038, -10.7959**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4020, 3.7458, 11.9254**, and **67.8640, 3.0250, 9.7663** is the 20% darker color. If you saturate the color by 10%, you get **107.7170, 6.0555, 17.7882**, and if you desaturate by 10%, it is **123.6630, 1.1521, 3.8035**.

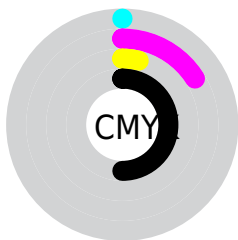
Distribution



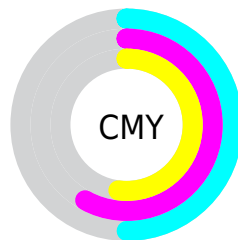
- Red (50%)
- Green (42%)
- Blue (48%)



- Red (50%)
- Yellow (42%)
- Blue (48%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.6900, 3.6038, 10.7959 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 115.6900, 3.6038, 10.7959 by changing the saturation by 10% instead.

 115.6900, 3.6038,
10.7959


 115.6900, 3.6038,
10.7959


255.0000, 0.0000,
0.0000


 91.2770, 3.3144,
10.2811

 167.4020, 3.7458,
11.9254


 67.8640, 3.0250,
9.7663


 194.8150, 4.0352,
12.4402


 45.5650, 3.1725,
9.1515

 222.8150, 4.0352,
12.4402

 24.2660, 3.3199,
8.5367

 247.9560, 3.4727,
6.1776

 1.4670, 1.7418,
1.3444

 0.0000, 0.0000,
0.0000

■ 115.6900, 3.6038,
10.7959

■ 115.6900, 3.6038,
10.7959

■ 107.7170, 6.0555,
17.7882

■ 123.6630, 1.1521,
3.8035

■ 99.7440, 8.5072,
24.7805

■ 131.6360, -1.2995,
-3.1888

■ 92.2440, 10.2327,
31.3580

■ 139.1360, -3.0250,
-9.7663

■ 84.2710, 12.6844,
38.3503

■ 147.1090, -5.4767,
-16.7586

■ 76.2980, 15.1361,
45.3427

■ 155.0820, -7.9284,
-23.7509

■ 68.3250, 17.5878,
52.3350

■ 163.0550,
-10.3801, -30.7432

■ 60.3520, 20.0395,
59.3273

■ 171.0280,
-12.8318, -37.7356

■ 52.8520, 21.7650,

■ 178.5280,

65.9048

-14.5573, -44.3131

■ 49.2160, 23.0645,
69.0936

■ 186.5010,
-17.0090, -51.3054

Harmonies

Analogous

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



115.0740, 7.8515, 1.6891



115.6900, 3.6038, 10.7959



115.7570, -1.3592, 15.9991

Triad

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



115.6900, 3.6038, 10.7959



113.2260, -9.4784, 6.8178



110.0020, 6.9010, -20.1728

Complementary

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



115.6900, 3.6038, 10.7959



120.3100, -3.6038, -10.7959

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.



110.4600, 2.2382, -17.9434



115.6900, 3.6038, 10.7959



112.3280, -7.5567, -2.9187

Square

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



115.6900, 3.6038, 10.7959



114.3840, -9.0633, 13.6952



111.0110, -3.4564, -11.4106



111.4200, 9.6529, -16.1543

Rectangle

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



115.6900, 3.6038, 10.7959



115.2580, -4.5642, 17.3137



111.0110, -3.4564, -11.4106



110.2470, 5.3012, -20.3876

Sweetspot

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



115.6900, 3.6038, 10.7959



160.4890, 1.7309, 4.8331



111.7750, 7.9989, 1.0743



80.9510, 1.0102, 2.6740



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



115.6900, 3.6038, 10.7959



146.3040, 5.7661, 17.2734



114.5500, -0.7641, 11.7957



59.6630, 1.1521, 3.8035



49.2160, 23.0645, 69.0936



0.0000, 0.0000, 0.0000

Inverse Universe

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



115.6900, 3.6038, 10.7959



146.3040, 5.7661, 17.2734



121.4500, 0.7641, -11.7957



59.6630, 1.1521, 3.8035



49.2160, 23.0645, 69.0936



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 115.6900, 3.6038, 10.7959 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 115.6900, 3.6038, 10.7959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

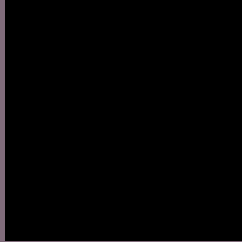
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.6900, 3.6038, 10.7959

Background



This preview shows how black text looks on a background with the YUV color 115.6900, 3.6038, 10.7959.



This preview shows how white text looks on a background with the YUV color 115.6900, 3.6038,

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

115.6900, 3.6038, 10.7959

Protanopia

114.1830, 5.8258, -1.9145

Deuteranopia

115.2440, 3.3307, 5.0480



Tritanopia

115.2940, 0.8411, 10.2662

Trichromacy



Original Color

115.6900, 3.6038, 10.7959

Protanomaly

114.6890, 5.0833, 2.9037

Deuteranomaly

115.5540, 3.1779, 7.4071

Tritanomaly

115.5220, 1.7147, 10.0662

Monochromacy



Original Color

115.6900, 3.6038, 10.7959

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.7770, 1.5889, 3.7036

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.6900, 3.6038, 10.7959 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(128, 108, 123)` looks like.

```
.text, #text, p{  
    color:rgb(128, 108, 123)  
}
```

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(128, 108, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 108, 123) }
```

Border

The CSS property to change the border of an element to YUV 115.6900, 3.6038, 10.7959 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(128, 108, 123) }
```


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

```
.border{ border-color:rgb(128, 108, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 108, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 108, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 108, 123);  
box-shadow:4px 4px 4px 4px rgb(128, 108,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 115.6900, 3.6038, 10.7959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 108, 123) }
```

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

```
.background{ background-color: rgb(128,  
108, 123) }
```

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