

Converting Colors

YUV(115.3680, 15.5946,
38.2653)

Have a look what the booklet for
YUV(115.3680, 15.5946, 38.2653)
contains.

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Color

**YUV(115.3680, 15.5946,
38.2653)**

Conversions

Conversions Part 1

Format	Color
Hex	9F5793
RGB	159, 87, 147
RGB Percent	62%, 34%, 58%
CMY	0.3765, 0.6588, 0.4235
CMYK	0.00, 0.45, 0.08, 0.38
HSL	310°, 29%, 48%
HSV	310°, 45%, 62%
XYZ	22.9727, 16.2939, 29.5380
YIQ	115.3680, 23.6520, 33.9240

Conversions

Conversions Part 2

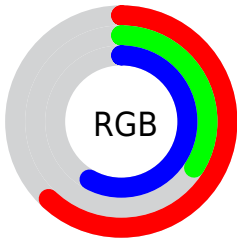
Format	Color
R _Y B	159, 87, 147
Decimal	10442643
CIE Lab	47.36, 38.36, -20.23
CIE LCh	47, 43.370, 332.191
Yxy	16.2939, 0.3339, 0.2368
Android (android.graphics.Color)	4288632723 (0xFF9F5793)
YUV	115.3680, 15.5946, 38.2653
Hunter-Lab	40.3657, 30.9470, -15.1300

Details

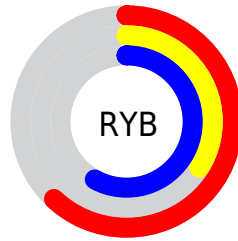
The YUV color **115.3680, 15.5946, 38.2653** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **130.6320, -15.5946, -38.2653**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7920, 15.8785, 40.5244**, and **64.3570, 15.6000, 36.5209** is the 20% darker color. If you saturate the color by 10%, you get **105.6340, 18.9144, 46.8020**, and if you desaturate by 10%, it is **125.1020, 12.2747, 29.7285**.

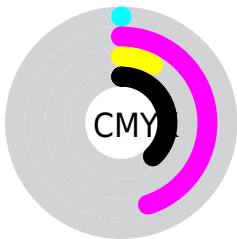
Distribution



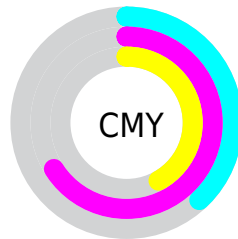
- Red (62%)
- Green (34%)
- Blue (58%)



- Red (62%)
- Yellow (34%)
- Blue (58%)



- Cyan (0%)
- Magenta (45%)
- Yellow (8%)
- Black (38%)



- Cyan (38%)
- Magenta (66%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.3680, 15.5946, 38.2653 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 115.3680, 15.5946, 38.2653 by changing the saturation by 10% instead.

■ 115.3680, 15.5946,
38.2653

■ 115.3680, 15.5946,
38.2653

■ 255.0000, 0.0000,
0.0000

■ 89.6560, 15.4526,
37.1357

■ 168.7920, 15.8785,
40.5244

■ 64.3570, 15.6000,
36.5209

■ 196.5040, 16.0205,
41.6540

■ 37.4110, 17.0524,
37.3506

■ 219.1930, 17.6529,
31.4027

■ 22.1450, 13.7325,
28.8138

■ 235.6290, 9.5499,
16.9884

■ 13.4720, 7.6553,
18.0031

■ 252.6520, 1.1576,
2.0592

■ 0.0000, 0.0000,
0.0000

■ 115.3680, 15.5946,
38.2653

■ 115.3680, 15.5946,
38.2653

■ 105.6340, 18.9144,
46.8020

■ 125.1020, 12.2747,
29.7285

■ 96.0140, 22.6711,
55.2387

■ 134.7220, 8.5181,
21.2918

■ 86.2800, 25.9910,
63.7754

■ 144.4560, 5.1982,
12.7551

■ 76.5460, 29.3108,
72.3122

■ 154.1900, 1.8783,
4.2184

■ 66.9260, 33.0675,
80.7489

■ 163.2230, -1.5889,
-3.7036


■ 62.5890, 34.2196,
84.5524

■ 172.9570, -4.9088,
-12.2403

■ 182.6910, -8.2287,
-20.7770

■ 192.3110,

-11.9853, -29.2137

 202.0450,
-15.3052, -37.7505

Harmonies

Analogous

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



114.6930, 29.2384, 2.0232



115.3680, 15.5946, 38.2653



112.8360, -0.9051, 57.1488

Triad

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



115.3680, 15.5946, 38.2653



108.0170, -35.9974, 19.2791



93.4100, 27.8989, -81.9206

Complementary

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



115.3680, 15.5946, 38.2653



130.6320, -15.5946, -38.2653

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.



89.3060, 12.1741, -78.3214



115.3680, 15.5946, 38.2653



104.1920, -28.1957, -9.8154

Square

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



115.3680, 15.5946, 38.2653



110.4250, -31.2685, 42.6003



95.5750, -9.1575, -49.6163



93.4390, 40.7026, -81.9460

Rectangle

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



115.3680, 15.5946, 38.2653



111.5730, -12.1145, 59.1335



95.5750, -9.1575, -49.6163



92.1560, 23.0941, -80.8208

Sweetspot

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



115.3680, 15.5946, 38.2653



189.4070, 6.2083, 15.4291



98.7960, 29.6806, 0.1789



94.0920, 3.8986, 9.5663



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



115.3680, 15.5946, 38.2653



139.0900, 24.1126, 59.5571



111.2640, -0.1302, 41.8645



74.1900, 1.8783, 4.2184



56.3230, 30.8998, 76.0157



5.9670, 3.4673, 7.9219

Inverse Universe

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



115.3680, 15.5946, 38.2653



139.0900, 24.1126, 59.5571



134.7360, 0.1302, -41.8645



74.1900, 1.8783, 4.2184



56.3230, 30.8998, 76.0157



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 115.3680, 15.5946, 38.2653 looks on a white background.

Color Contrast Check

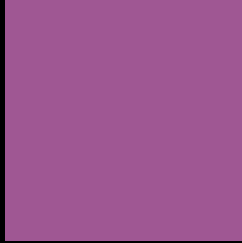
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.3680, 15.5946, 38.2653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

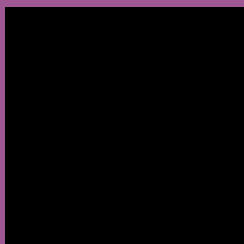
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.3680, 15.5946, 38.2653

Background



This preview shows how black text looks on a background with the YUV color 115.3680, 15.5946, 38.2653.



This preview shows how white text looks on a background with the YUV color 115.3680, 15.5946,

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

115.3680, 15.5946, 38.2653

Protanopia

112.3720, 25.9456, -15.2352

Deuteranopia

113.7510, 14.4198, -5.0436



Tritanopia

114.2540, -5.0552, 34.8572

Trichromacy



Original Color

115.3680, 15.5946, 38.2653

Protanomaly

113.1680, 22.1022, 4.2377

Deuteranomaly

114.2630, 14.6603, 11.1703

Tritanomaly

114.9150, 2.5069, 36.0315

Monochromacy



Original Color

115.3680, 15.5946, 38.2653

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.2820, 5.7770, 13.7847

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.3680, 15.5946, 38.2653 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(159, 87, 147)` looks like.

```
.text, #text, p{  
    color:rgb(159, 87, 147)  
}
```

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(159, 87, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 87, 147) }
```

Border

The CSS property to change the border of an element to YUV 115.3680, 15.5946, 38.2653 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(159, 87, 147) }
```


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

```
.border{ border-color:rgb(159, 87, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 87, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 87, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 87, 147);  
box-shadow:4px 4px 4px 4px rgb(159, 87,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 115.3680, 15.5946, 38.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 87, 147) }
```

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

```
.background{ background-color: rgb(159, 87,  
147) }
```

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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