

Converting Colors

YUV(115.1660, 1.8902, 47.2124)

Have a look what the booklet for
YUV(115.1660, 1.8902, 47.2124)
contains.

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Color

**YUV(115.1660, 1.8902,
47.2124)**

Conversions

Conversions Part 1

Format	Color
Hex	A95777
RGB	169, 87, 119
RGB Percent	66%, 34%, 47%
CMY	0.3373, 0.6588, 0.5333
CMYK	0.00, 0.49, 0.30, 0.34
HSL	337°, 32%, 50%
HSV	337°, 49%, 66%
XYZ	23.1002, 16.5833, 19.4362
YIQ	115.1660, 38.6000, 27.3360

Conversions

Conversions Part 2

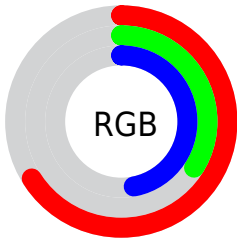
Format	Color
RYB	169, 87, 119
Decimal	11097975
CIELab	47.73, 37.33, -2.73
CIELCh	48, 37.428, 355.817
Yxy	16.5833, 0.3907, 0.2805
Android (android.graphics.Color)	4289288055 (0xFFA95777)
YUV	115.1660, 1.8902, 47.2124
Hunter-Lab	40.7226, 29.9906, 0.2078

Details

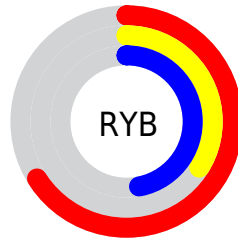
The YUV color **115.1660, 1.8902, 47.2124** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **140.8340, -1.8902, -47.2124**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6610, 1.1531, 50.2863**, and **63.8990, 3.5008, 43.9386** is the 20% darker color. If you saturate the color by 10%, you get **104.0470, 2.4418, 56.9638**, and if you desaturate by 10%, it is **126.2850, 1.3385, 37.4611**.

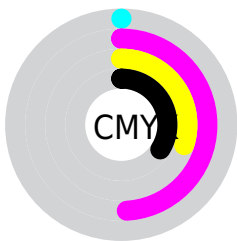
Distribution



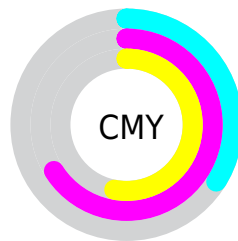
- Red (66%)
- Green (34%)
- Blue (47%)



- Red (66%)
- Yellow (34%)
- Blue (47%)



- Cyan (0%)
- Magenta (49%)
- Yellow (30%)
- Black (34%)





- Cyan (34%)
- Magenta (66%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.1660, 1.8902, 47.2124 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 115.1660, 1.8902, 47.2124 by changing the saturation by 10% instead.

 115.1660, 1.8902,
47.2124

 115.1660, 1.8902,
47.2124


255.0000, 0.0000,
0.0000

 89.2690, 2.3324,
45.3681

 168.6610, 1.1531,
50.2863


 63.8990, 3.5008,
43.9386


 196.2590, 0.8583,
51.5159

 36.4800, 5.6794,
45.1830

 215.8870, 4.9857,
34.3021

 21.7300, 3.0911,
35.3168

 235.6290, 9.5499,
16.9884

 12.3730, -5.6069,
25.1059

 252.6520, 1.1576,
2.0592

 0.0000, 0.0000,
0.0000

115.1660, 1.8902,
47.2124

115.1660, 1.8902,
47.2124

104.0470, 2.4418,
56.9638

126.2850, 1.3385,
37.4611

92.8140, 2.5567,
66.8151

137.5180, 1.2236,
27.6097

81.6950, 3.1084,
76.5665

148.6370, 0.6720,
17.8584

70.5760, 3.6600,
86.3178

159.7560, 0.1203,
8.1070

59.9300, 3.4855,
95.6544

170.4020, 0.2948,
-1.2296

58.0550, 3.9169,
97.2988

181.5210, -0.2569,
-10.9809

192.6400, -0.8085,
-20.7323

203.7590, -1.3602,

-30.4836

■ 214.9920, -1.4751,
-40.3350

Harmonies

Analogous

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



117.0030, 15.7745, 27.1844



115.1660, 1.8902, 47.2124



113.7030, -12.6716, 51.1265

Triad

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



115.1660, 1.8902, 47.2124



107.9910, -26.6176, -2.6231



92.1850, 35.8978, -80.8462

Complementary

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



115.1660, 1.8902, 47.2124



140.8340, -1.8902, -47.2124

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.



91.6830, 23.8203, -80.4060



115.1660, 1.8902, 47.2124



102.3600, -12.9955, -31.8877

Square

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



115.1660, 1.8902, 47.2124



110.8200, -30.4773, 22.0829



88.0350, 9.8427, -77.2067



102.1870, 36.3898, -51.9070

Rectangle

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



115.1660, 1.8902, 47.2124



112.9660, -21.6752, 45.6338



88.0350, 9.8427, -77.2067



92.5610, 32.2614, -81.1760

Sweetspot

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



115.1660, 1.8902, 47.2124



197.3490, 0.8139, 18.9879



110.9990, 28.5945, 21.9259



96.8920, 0.5462, 11.4957



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



115.1660, 1.8902, 47.2124



135.6730, 3.1192, 73.0778



116.2140, -14.4025, 46.2933



78.7340, 0.1311, 4.6183



50.8640, 3.5180, 85.1883



6.8920, 0.5462, 11.4957

Inverse Universe

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



115.1660, 1.8902, 47.2124



135.6730, 3.1192, 73.0778



139.7860, 14.4025, -46.2933



78.7340, 0.1311, 4.6183



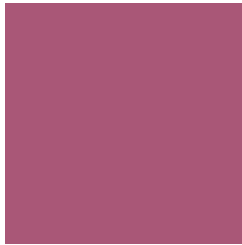
50.8640, 3.5180, 85.1883



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 115.1660, 1.8902, 47.2124 looks on a white background.

Color Contrast Check

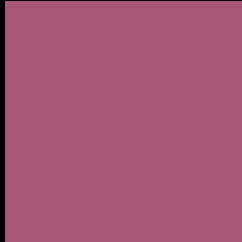
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.1660, 1.8902, 47.2124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

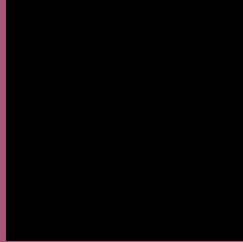
Any Text WCAG AA × Fail

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 115.1660, 1.8902, 47.2124 Background



This preview shows how black text looks on a background with the YUV color 115.1660, 1.8902, 47.2124.



This preview shows how white text looks on a background with the YUV color 115.1660, 1.8902,

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

115.1660, 1.8902, 47.2124

Protanopia

114.3120, 10.1992, -4.6586

Deuteranopia

114.7560, 0.1203, 8.1070



Tritanopia

114.5220, -8.1453, 46.0232

Trichromacy



Original Color

115.1660, 1.8902, 47.2124

Protanomaly

114.9230, 6.9400, 14.0995

Deuteranomaly

114.9580, 0.5137, 21.9618

Tritanomaly

115.1460, -4.5090, 46.3530

Monochromacy



Original Color

115.1660, 1.8902, 47.2124

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.2240, 0.3826, 17.3436

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.1660, 1.8902, 47.2124 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(169, 87, 119)` looks like.

```
.text, #text, p{  
    color:rgb(169, 87, 119)  
}
```

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(169, 87, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 87, 119) }
```

Border

The CSS property to change the border of an element to YUV 115.1660, 1.8902, 47.2124 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(169, 87, 119) }
```


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

```
.border{ border-color:rgb(169, 87, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 87, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 87, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 87, 119);  
box-shadow:4px 4px 4px 4px rgb(169, 87,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 115.1660, 1.8902, 47.2124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 87, 119) }
```

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

```
.background{ background-color: rgb(169, 87,  
119) }
```

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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