

Converting Colors

YUV(115.9660, -1.4622,
49.1418)

Have a look what the booklet for
YUV(115.9660, -1.4622, 49.1418)
contains.

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Color

**YUV(115.9660, -1.4622,
49.1418)**

Conversions

Conversions Part 1

Format	Color
Hex	AC5871
RGB	172, 88, 113
RGB Percent	67%, 35%, 44%
CMY	0.3255, 0.6549, 0.5569
CMYK	0.00, 0.49, 0.34, 0.33
HSL	342°, 34%, 51%
HSV	342°, 49%, 67%
XYZ	23.4836, 16.9424, 17.6553
YIQ	115.9660, 42.0390, 25.5830

Conversions

Conversions Part 2

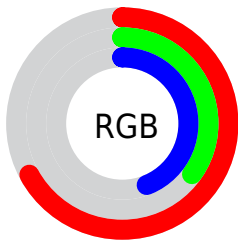
Format	Color
R_{YB}	172, 88, 113
Decimal	11294833
CIE Lab	48.19, 37.08, 1.61
CIE LCh	48, 37.112, 2.482
Yxy	16.9424, 0.4043, 0.2917
Android (android.graphics.Color)	4289484913 (0xFFAC5871)
YUV	115.9660, -1.4622, 49.1418
Hunter-Lab	41.1611, 29.8076, 3.3815

Details

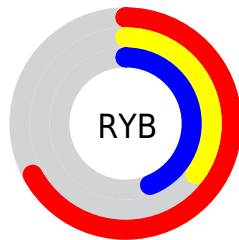
The YUV color **115.9660, -1.4622, 49.1418** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **144.0340, 1.4622, -49.1418**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7600, -2.3467, 52.8305**, and **64.6990, 0.1484, 45.8680** is the 20% darker color. If you saturate the color by 10%, you get **104.6190, -1.7842, 59.0931**, and if you desaturate by 10%, it is **127.3130, -1.1403, 39.1905**.

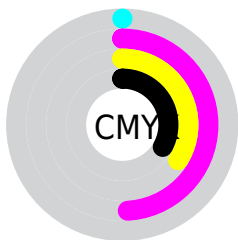
Distribution



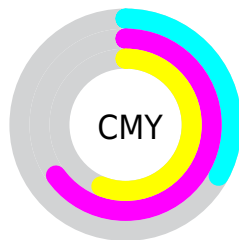
- Red (67%)
- Green (35%)
- Blue (44%)



- Red (67%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (49%)
- Yellow (34%)
- Black (33%)




- Cyan (33%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.9660, -1.4622, 49.1418 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 115.9660, -1.4622, 49.1418 by changing the saturation by 10% instead.


 115.9660, -1.4622,
49.1418


 115.9660, -1.4622,
49.1418

255.0000, 0.0000,
0.0000


 90.1830, -0.5832,
47.1975

 169.7600, -2.3467,
52.8305


 64.6990, 0.1484,
45.8680


 196.1620, -2.0519,
51.6009


 37.0950, 2.9112,
46.3977

 215.7900, 2.0755,
34.3872

 21.7580, 0.6123,
37.0462

 235.4180, 6.2029,
17.1734

 12.6720, -5.7543,
25.7207

 253.2390, 0.8682,
1.5444

 0.0000, 0.0000,
0.0000

■ 115.9660, -1.4622,
49.1418

■ 115.9660, -1.4622,
49.1418

■ 104.6190, -1.7842,
59.0931

■ 127.3130, -1.1403,
39.1905

■ 93.2720, -2.1061,
69.0445

■ 138.6600, -0.8184,
29.2392

■ 81.3380, -2.1386,
79.5106

■ 150.5940, -0.7858,
18.7731

■ 69.9910, -2.4606,
89.4619

■ 161.9410, -0.4639,
8.8217

■ 58.6440, -2.7825,
99.4132

■ 173.2880, -0.1420,
-1.1296

■ 57.2420, -3.0773,
100.6428

■ 184.6350, 0.1799,
-11.0809

■ 196.0960, 0.9387,
-21.1322

■ 208.0300, 0.9712,

-31.5983

 219.3770, 1.2931,
-41.5496

Harmonies

Analogous

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



117.9390, 12.8481, 32.5025



115.9660, -1.4622, 49.1418



114.4810, -16.0131, 49.5672

Triad

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



115.9660, -1.4622, 49.1418



107.7560, -23.5437, -8.5560



92.6410, 37.6450, -81.2462

Complementary

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



115.9660, -1.4622, 49.1418



144.0340, 1.4622, -49.1418

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.



93.0680, 26.5885, -81.6206



115.9660, -1.4622, 49.1418



101.7550, -8.7532, -39.2501

Square

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



115.9660, -1.4622, 49.1418



111.7870, -30.4610, 16.8498



89.5340, 13.0477, -78.5213



107.9930, 34.0205, -38.5819

Rectangle

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



115.9660, -1.4622, 49.1418



113.4880, -23.4116, 42.5450



89.5340, 13.0477, -78.5213



93.1310, 34.4454, -81.6759

Sweetspot

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



115.9660, -1.4622, 49.1418



202.0070, -0.4965, 19.2879



115.2170, 27.9940, 27.8737



98.6640, -0.3274, 11.6957



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



115.9660, -1.4622, 49.1418



135.9140, -2.4226, 77.2514



123.0950, -17.3018, 42.8897



81.0330, -0.0163, 5.2331



49.9800, -2.4551, 87.7175



7.6750, -0.3328, 13.4400

Inverse Universe

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



115.9660, -1.4622, 49.1418



135.9140, -2.4226, 77.2514



136.9050, 17.3018, -42.8897



81.0330, -0.0163, 5.2331



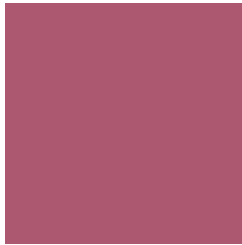
49.9800, -2.4551, 87.7175



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 115.9660, -1.4622, 49.1418 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 115.9660, -1.4622, 49.1418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

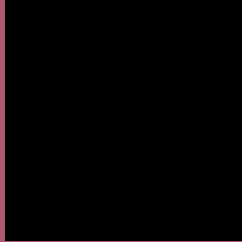
Any Text WCAG AA × Fail

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 115.9660, -1.4622, 49.1418 Background



This preview shows how black text looks on a background with the YUV color 115.9660, -1.4622, 49.1418.



This preview shows how white text looks on a background with the YUV color 115.9660, -1.4622,

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

115.9660, -1.4622, 49.1418

Protanopia

115.2970, 6.2626, -2.0145

Deuteranopia

115.8550, -3.3795, 10.6512



Tritanopia

115.6040, -9.1718, 48.5823

Trichromacy



Original Color

115.9660, -1.4622, 49.1418

Protanomaly

115.7230, 3.5876, 16.0289

Deuteranomaly

116.0570, -2.9861, 24.5060

Tritanomaly

115.7010, -6.2616, 48.4972

Monochromacy



Original Color

115.9660, -1.4622, 49.1418

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9960, -0.4910, 17.5435

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9660, -1.4622, 49.1418 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(172, 88, 113)` looks like.

```
.text, #text, p{  
    color:rgb(172, 88, 113)  
}
```

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(172, 88, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 88, 113) }
```

Border

The CSS property to change the border of an element to YUV 115.9660, -1.4622, 49.1418 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(172, 88, 113) }
```


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

```
.border{ border-color:rgb(172, 88, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 88, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 88, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 88, 113);  
box-shadow:4px 4px 4px 4px rgb(172, 88,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 115.9660, -1.4622, 49.1418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 88, 113) }
```

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

```
.background{ background-color: rgb(172, 88,  
113) }
```

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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