

Converting Colors

YUV(115.9410, 9.8891, 48.2867)

Have a look what the booklet for
YUV(115.9410, 9.8891, 48.2867)
contains.

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Color

**YUV(115.9410, 9.8891,
48.2867)**

Conversions

Conversions Part 1

Format	Color
Hex	AB5488
RGB	171, 84, 136
RGB Percent	67%, 33%, 53%
CMY	0.3294, 0.6706, 0.4667
CMYK	0.00, 0.51, 0.20, 0.33
HSL	324°, 34%, 50%
HSV	324°, 51%, 67%
XYZ	24.4088, 16.7761, 25.2442
YIQ	115.9410, 35.1600, 34.6160

Conversions

Conversions Part 2

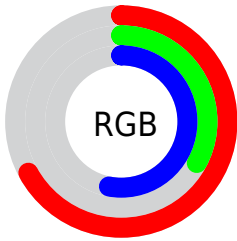
Format	Color
R_{YB}	171, 84, 136
Decimal	11228296
CIE _{Lab}	47.98, 42.05, -12.56
CIE _{LCh}	48, 43.888, 343.369
Yxy	16.7761, 0.3674, 0.2525
Android (android.graphics.Color)	4289418376 (0xFFAB5488)
YUV	115.9410, 9.8891, 48.2867
Hunter-Lab	40.9587, 34.6972, -7.8713

Details

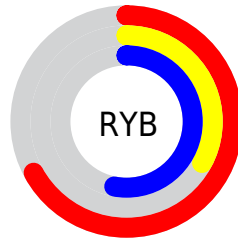
The YUV color **115.9410, 9.8891, 48.2867** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **139.0590, -9.8891, -48.2867**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.5500, 9.5889, 51.2607**, and **63.2720, 11.2049, 46.2425** is the 20% darker color. If you saturate the color by 10%, you get **105.1640, 11.7511, 57.7382**, and if you desaturate by 10%, it is **126.7180, 8.0270, 38.8353**.

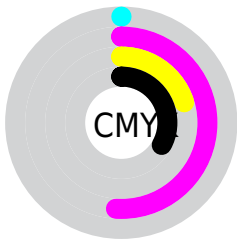
Distribution



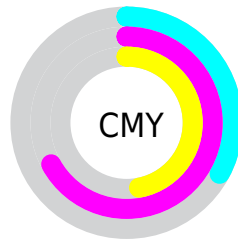
- Red (67%)
- Green (33%)
- Blue (53%)



- Red (67%)
- Yellow (33%)
- Blue (53%)



- Cyan (0%)
- Magenta (51%)
- Yellow (20%)
- Black (33%)





- Cyan (33%)
- Magenta (67%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.9410, 9.8891, 48.2867 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 115.9410, 9.8891, 48.2867 by changing the saturation by 10% instead.


 115.9410, 9.8891,
48.2867


 115.9410, 9.8891,
48.2867


255.0000, 0.0000,
0.0000


 89.4570, 10.6207,
46.9572


 169.5500, 9.5889,
51.2607


 63.2720, 11.2049,
46.2425


 197.2510, 9.7363,
50.6459


 34.0920, 14.2516,
49.0313

 216.4060, 14.5898,
33.8469

 23.8100, 8.4747,
35.2466

 234.4550, 10.1287,
18.0180

 14.8380, 2.5449,
23.8211

 251.4780, 1.7363,
3.0888

 0.0000, 0.0000,
0.0000

■ 115.9410, 9.8891,
48.2867

■ 115.9410, 9.8891,
48.2867

■ 105.1640, 11.7511,
57.7382

■ 126.7180, 8.0270,
38.8353

■ 94.3870, 13.6132,
67.1896

■ 137.4950, 6.1650,
29.3839

■ 83.6100, 15.4753,
76.6410

■ 148.2720, 4.3029,
19.9325

■ 72.8330, 17.3373,
86.0925

■ 159.0490, 2.4408,
10.4810

■ 62.7570, 19.3468,
94.9291

■ 169.7120, 0.1420,
1.1296

■ 181.0760, -2.0095,
-8.8367

■ 191.8530, -3.8715,
-18.2881

■ 202.6300, -5.7336,

-27.7395

 213.4070, -7.5957,
-37.1909

Harmonies

Analogous

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



117.3530, 24.9690, 18.1074



115.9410, 9.8891, 48.2867



113.2510, -7.0257, 60.2929

Triad

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



115.9410, 9.8891, 48.2867



108.4780, -35.2387, 9.2278



95.0060, 34.0140, -83.3203

Complementary

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



115.9410, 9.8891, 48.2867



139.0590, -9.8891, -48.2867

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.



92.3040, 18.5841, -80.9506



115.9410, 9.8891, 48.2867



103.4830, -22.9161, -23.2256

Square

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



115.9410, 9.8891, 48.2867



111.3440, -35.1726, 34.7783



87.2710, 1.8384, -76.5367



93.8780, 44.9231, -82.3310

Rectangle

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



115.9410, 9.8891, 48.2867



112.5530, -18.5136, 58.2740



87.2710, 1.8384, -76.5367



94.4530, 29.3567, -82.8353

Sweetspot

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



115.9410, 9.8891, 48.2867



201.0330, 3.4347, 18.3881



104.3830, 32.8422, 12.8191



99.3480, 2.2934, 11.0958



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.



115.9410, 9.8891, 48.2867



136.4850, 15.0439, 74.9967



111.0390, -8.8932, 52.5858



81.2610, 0.8573, 5.0331



55.1100, 17.2008, 83.2185



8.4730, 2.7248, 12.7402

Inverse Universe

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



115.9410, 9.8891, 48.2867



136.4850, 15.0439, 74.9967



143.9610, 8.8932, -52.5858



81.2610, 0.8573, 5.0331



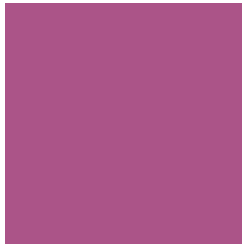
55.1100, 17.2008, 83.2185



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 115.9410, 9.8891, 48.2867 looks on a white background.

Color Contrast Check

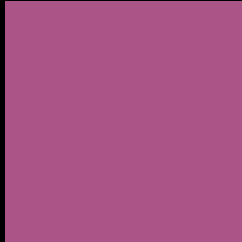
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.9410, 9.8891, 48.2867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

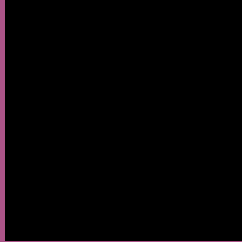
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.9410, 9.8891, 48.2867

Background



This preview shows how black text looks on a background with the YUV color 115.9410, 9.8891, 48.2867.



This preview shows how white text looks on a background with the YUV color 115.9410, 9.8891,

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

115.9410, 9.8891, 48.2867

Protanopia

114.7270, 20.8406, -11.1616

Deuteranopia

115.6610, 7.5621, 1.1743



Tritanopia

115.2230, -7.9979, 45.4084

Trichromacy



Original Color

115.9410, 9.8891, 48.2867

Protanomaly

114.8330, 16.8443, 10.6705

Deuteranomaly

115.9990, 8.3815, 18.4179

Tritanomaly

115.2430, -1.5988, 46.2679

Monochromacy



Original Color

115.9410, 9.8891, 48.2867

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.7340, 3.5821, 17.7733

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9410, 9.8891, 48.2867 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(171, 84, 136)` looks like.

```
.text, #text, p{  
    color:rgb(171, 84, 136)  
}
```

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(171, 84, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 84, 136) }
```

Border

The CSS property to change the border of an element to YUV 115.9410, 9.8891, 48.2867 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(171, 84, 136) }
```


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

```
.border{ border-color:rgb(171, 84, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 84, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 84, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 84, 136);  
box-shadow:4px 4px 4px 4px rgb(171, 84,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 115.9410, 9.8891, 48.2867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 84, 136) }
```

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

```
.background{ background-color: rgb(171, 84,  
136) }
```

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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