

Converting Colors

YUV(118.9340, -2.9255,
51.8009)

Have a look what the booklet for
YUV(118.9340, -2.9255, 51.8009)
contains.

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Color

**YUV(118.9340, -2.9255,
51.8009)**

Conversions

Conversions Part 1

Format	Color
Hex	B25A71
RGB	178, 90, 113
RGB Percent	70%, 35%, 44%
CMY	0.3020, 0.6471, 0.5569
CMYK	0.00, 0.49, 0.37, 0.30
HSL	344°, 36%, 53%
HSV	344°, 49%, 70%
XYZ	24.9969, 17.9696, 17.7738
YIQ	118.9340, 45.0650, 25.8090

Conversions

Conversions Part 2

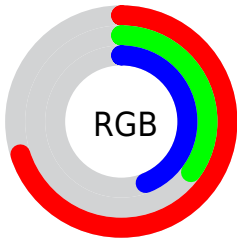
Format	Color
R_{YB}	178, 90, 113
Decimal	11688561
CIE _{Lab}	49.46, 38.19, 3.56
CIE _{LCh}	49, 38.360, 5.320
Yxy	17.9696, 0.4115, 0.2958
Android (android.graphics.Color)	4289878641 (0xFFB25A71)
YUV	118.9340, -2.9255, 51.8009
Hunter-Lab	42.3905, 31.0747, 4.8139

Details

The YUV color **118.9340, -2.9255, 51.8009** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **149.0660, 2.9255, -51.8009**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.7280, -3.8099, 55.4895**, and **66.7810, -0.8780, 48.4271** is the 20% darker color. If you saturate the color by 10%, you get **106.8860, -3.3948, 62.3670**, and if you desaturate by 10%, it is **130.9820, -2.4561, 41.2348**.

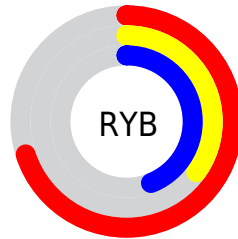
Distribution



Red (70%)

Green (35%)

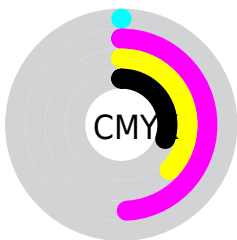
Blue (44%)



Red (70%)

Yellow (35%)

Blue (44%)

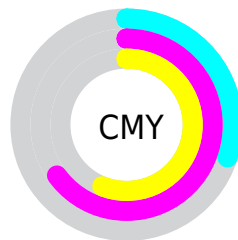


Cyan (0%)

Magenta (49%)

Yellow (37%)

Black (30%)



Cyan (30%)

Magenta (65%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.9340, -2.9255, 51.8009 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 118.9340, -2.9255, 51.8009 by changing the saturation by 10% instead.


 118.9340, -2.9255,
51.8009

 118.9340, -2.9255,
51.8009

255.0000, 0.0000,
0.0000


 93.1510, -2.0464,
49.8566


 172.7280, -3.8099,
55.4895


 66.7810, -0.8780,
48.4271


 197.3360, -2.6306,
50.5713


 39.7640, 1.5953,
48.4420

 216.9640, 1.4967,
33.3576

 23.2530, -0.1247,
40.1201

 237.1790, 5.3348,
15.6290

 14.2810, -6.0545,
28.6946

 0.0000, 0.0000,
0.0000

■ 118.9340, -2.9255,
51.8009

■ 118.9340, -2.9255,
51.8009

■ 106.8860, -3.3948,
62.3670

■ 130.9820, -2.4561,
41.2348

■ 94.8380, -3.8641,
72.9331

■ 143.0300, -1.9868,
30.6687

■ 83.3770, -4.6229,
82.9844

■ 154.4910, -1.2281,
20.6174

■ 71.2150, -5.5290,
93.6504

■ 166.6530, -0.3219,
9.9513

■ 59.1670, -5.9983,
104.2165

■ 178.7010, 0.1474,
-0.6148

■ 58.5800, -5.7089,
104.7313

■ 190.7490, 0.6167,
-11.1809

■ 202.7970, 1.0861,
-21.7470

■ 214.2580, 1.8448,

-31.7983

 226.3060, 2.3141,
-42.3644

Harmonies

Analogous

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



120.7330, 11.9636, 36.1912



118.9340, -2.9255, 51.8009



117.7370, -17.6183, 51.0967

Triad

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



118.9340, -2.9255, 51.8009



110.6200, -23.9697, -11.9447



95.2000, 39.8344, -83.4904

Complementary

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



118.9340, -2.9255, 51.8009



149.0660, 2.9255, -51.8009

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.



95.6270, 28.7779, -83.8649



118.9340, -2.9255, 51.8009



103.1780, -6.9898, -44.8831

Square

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



118.9340, -2.9255, 51.8009



114.1350, -31.6186, 14.7906



92.6800, 14.9478, -81.2804



112.1290, 34.4464, -35.1931

Rectangle

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



118.9340, -2.9255, 51.8009



116.9180, -25.5956, 43.0449



92.6800, 14.9478, -81.2804



95.6900, 36.6348, -83.9201

Sweetspot

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



118.9340, -2.9255, 51.8009



208.4910, -1.2281, 20.6174



119.4670, 28.8568, 31.1624



102.9630, -0.4748, 12.3104



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



118.9340, -2.9255, 51.8009



140.0670, -4.4700, 80.6252



128.6390, -19.0490, 43.2896



83.0330, -0.0163, 5.2331



50.3070, -5.0814, 90.0618



8.5720, -0.7750, 15.2844

Inverse Universe

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



118.9340, -2.9255, 51.8009



140.0670, -4.4700, 80.6252



139.3610, 19.0490, -43.2896



83.0330, -0.0163, 5.2331



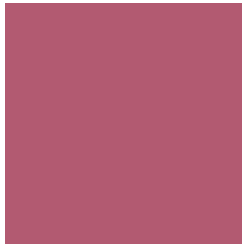
50.3070, -5.0814, 90.0618



8.5720, -0.7750, 15.2844

Previews

White Background



This preview shows how the YUV color 118.9340, -2.9255, 51.8009 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 118.9340, -2.9255, 51.8009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

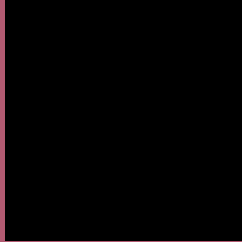
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.9340, -2.9255, 51.8009

Background



This preview shows how black text looks on a background with the YUV color 118.9340, -2.9255, 51.8009.



This preview shows how white text looks on a background with the YUV color 118.9340, -2.9255,

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

118.9340, -2.9255, 51.8009

Protanopia

118.3680, 5.2416, -1.1997

Deuteranopia

119.1110, -4.9847, 12.1807



Tritanopia

118.2130, -9.4720, 51.5562

Trichromacy



Original Color

118.9340, -2.9255, 51.8009

Protanomaly

118.3920, 2.2717, 18.0732

Deuteranomaly

118.7260, -4.3019, 26.5503

Tritanomaly

118.1960, -6.9986, 51.5711

Monochromacy



Original Color

118.9340, -2.9255, 51.8009

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.5940, -0.7858, 18.7731

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.9340, -2.9255, 51.8009 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(178, 90, 113)` looks like.

```
.text, #text, p{  
    color:rgb(178, 90, 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(178, 90, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 90, 113) }
```

Border

The CSS property to change the border of an element to YUV 118.9340, -2.9255, 51.8009 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(178, 90, 113) }
```


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

```
.border{ border-color:rgb(178, 90, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 90, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 90, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 90, 113);  
box-shadow:4px 4px 4px 4px rgb(178, 90,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 118.9340, -2.9255, 51.8009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 90, 113) }
```

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

```
.background{ background-color: rgb(178, 90,  
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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