

Converting Colors

YUV(108.7000, 2.1199, 66.9151)

Have a look what the booklet for
YUV(108.7000, 2.1199, 66.9151)
contains.

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Color

**YUV(108.7000, 2.1199,
66.9151)**

Conversions

Conversions Part 1

Format	Color
Hex	B94571
RGB	185, 69, 113
RGB Percent	73%, 27%, 44%
CMY	0.2745, 0.7294, 0.5569
CMYK	0.00, 0.63, 0.39, 0.27
HSL	337°, 46%, 50%
HSV	337°, 63%, 73%
XYZ	25.1163, 15.7628, 17.3415
YIQ	108.7000, 55.0120, 38.2760

Conversions

Conversions Part 2

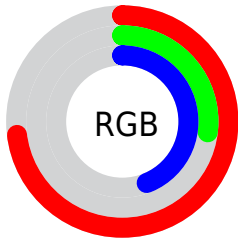
Format	Color
R_{YB}	185, 69, 113
Decimal	12141937
CIE _{Lab}	46.66, 50.76, -0.37
CIE _{LCh}	47, 50.763, 359.579
Yxy	15.7628, 0.4314, 0.2707
Android (android.graphics.Color)	4290332017 (0xFFB94571)
YUV	108.7000, 2.1199, 66.9151
Hunter-Lab	39.7024, 43.4427, 1.8945

Details

The YUV color **108.7000, 2.1199, 66.9151** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **145.3000, -2.1199, -66.9151**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.9670, 0.5093, 70.1889**, and **46.2690, 9.2344, 71.6781** is the 20% darker color. If you saturate the color by 10%, you get **96.8800, 2.5242, 77.2812**, and if you desaturate by 10%, it is **120.5200, 1.7156, 56.5490**.

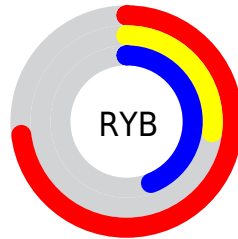
Distribution



Red (73%)

Green (27%)

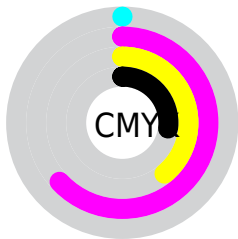
Blue (44%)



Red (73%)

Yellow (27%)

Blue (44%)

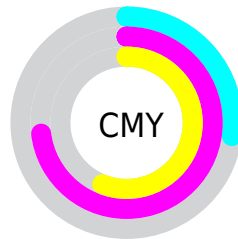


Cyan (0%)

Magenta (63%)

Yellow (39%)

Black (27%)



Cyan (27%)


Magenta (73%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.7000, 2.1199, 66.9151 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 108.7000, 2.1199, 66.9151 by changing the saturation by 10% instead.

 108.7000, 2.1199,
66.9151

 108.7000, 2.1199,
66.9151


255.0000, 0.0000,
0.0000


 80.8570, 4.0145,
65.9004

 163.9670, 0.5093,
70.1889


 46.2690, 9.2344,
71.6781


 186.7700, 2.5784,
59.8377

 34.8020, 4.0416,
57.1786

 205.8110, 6.9952,
43.1388

 24.1500, -0.5669,
41.9644

 226.0260, 10.8332,
25.4102

 14.2810, -6.0545,
28.6946

 243.8470, 5.4984,
9.7812

 0.0000, 0.0000,
0.0000

108.7000, 2.1199,
66.9151

108.7000, 2.1199,
66.9151

96.8800, 2.5242,
77.2812

120.5200, 1.7156,
56.5490

84.3590, 2.7810,
88.2622

133.0410, 1.4588,
45.5680

71.9520, 3.4747,
99.1431

145.4480, 0.7651,
34.6871

63.2950, 3.3056,
106.7353

157.3820, 0.7977,
24.2210

169.7890, 0.1040,
13.3400

181.7230, 0.1366,
2.8739

193.5430, -0.2677,
-7.4922

206.0640, -0.5246,

-18.4731

■ 217.8840, -0.9288,
-28.8393

Harmonies

Analogous

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



113.2420, 20.0937, 41.8838



108.7000, 2.1199, 66.9151



107.4340, -17.9620, 68.0254

Triad

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



108.7000, 2.1199, 66.9151



100.5420, -35.7632, -9.2453



94.9380, 43.9076, -83.2606

Complementary

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



108.7000, 2.1199, 66.9151



145.3000, -2.1199, -66.9151

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.



93.6380, 28.7725, -82.1205



108.7000, 2.1199, 66.9151



87.0420, -10.8667, -61.4268

Square

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



108.7000, 2.1199, 66.9151



104.1180, -45.9072, 24.4525



88.7360, 9.9902, -77.8215



90.4360, 52.0431, -79.3124

Rectangle

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



108.7000, 2.1199, 66.9151



107.4530, -30.2963, 57.4847



88.7360, 9.9902, -77.8215



95.0860, 39.3976, -83.3904

Sweetspot

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



108.7000, 2.1199, 66.9151



209.6920, 0.6448, 26.5801



103.7520, 40.0553, 32.6665



101.6260, 0.6774, 16.1140



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



108.7000, 2.1199, 66.9151



121.5720, 3.1690, 103.8614



111.9020, -21.1507, 64.1069



86.0330, -0.0163, 5.2331



53.3700, 2.7756, 90.0065



9.6260, 0.6774, 16.1140

Inverse Universe

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



108.7000, 2.1199, 66.9151



121.5720, 3.1690, 103.8614



142.0980, 21.1507, -64.1069



86.0330, -0.0163, 5.2331



53.3700, 2.7756, 90.0065



9.6260, 0.6774, 16.1140

Previews

White Background



This preview shows how the YUV color 108.7000, 2.1199, 66.9151 looks on a white background.

Color Contrast Check

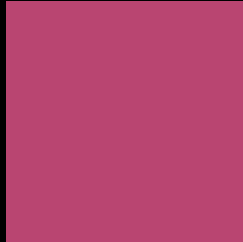
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.7000, 2.1199, 66.9151 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 108.7000, 2.1199, 66.9151 Background



This preview shows how black text looks on a background with the YUV color 108.7000, 2.1199, 66.9151.



This preview shows how white text looks on a background with the YUV color 108.7000, 2.1199,

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

108.7000, 2.1199, 66.9151

Protanopia

111.6970, 12.9674, -5.8733

Deuteranopia

112.3710, -2.6479, 9.3216



Tritanopia

108.5630, -13.5886, 65.2812

Trichromacy



Original Color

108.7000, 2.1199, 66.9151

Protanomaly

110.5370, 9.1023, 20.5771

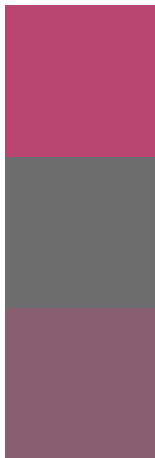
Deuteranomaly

111.2580, -1.1132, 30.4687

Tritanomaly

108.4690, -7.6262, 66.2407

Monochromacy



Original Color

108.7000, 2.1199, 66.9151

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.6810, 0.6503, 24.8358

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.7000, 2.1199, 66.9151 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(185, 69, 113)` looks like.

```
.text, #text, p{  
    color:rgb(185, 69, 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(185, 69, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 69, 113) }
```

Border

The CSS property to change the border of an element to YUV 108.7000, 2.1199, 66.9151 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(185, 69, 113) }
```


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

```
.border{ border-color:rgb(185, 69, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 69, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 69, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 69, 113);  
box-shadow:4px 4px 4px 4px rgb(185, 69,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 108.7000, 2.1199, 66.9151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 69, 113) }
```

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

```
.background{ background-color: rgb(185, 69,  
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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