

Converting Colors

YUV(171.3340, 13.6393,
11.9851)

Have a look what the booklet for
YUV(171.3340, 13.6393, 11.9851)
contains.

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Color

**YUV(171.3340, 13.6393,
11.9851)**

Conversions

Conversions Part 1

Format	Color
Hex	B99FC7
RGB	185, 159, 199
RGB Percent	73%, 62%, 78%
CMY	0.2745, 0.3765, 0.2196
CMYK	0.07, 0.20, 0.00, 0.22
HSL	279°, 26%, 70%
HSV	279°, 20%, 78%
XYZ	42.7145, 39.2341, 59.3545
YIQ	171.3340, 2.6560, 17.9520

Conversions

Conversions Part 2

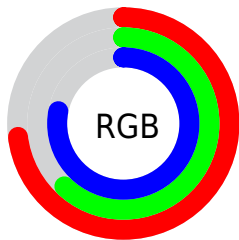
Format	Color
R_{YB}	185, 159, 199
Decimal	12165063
CIE _{Lab}	68.92, 16.95, -16.96
CIE _{LCh}	69, 23.980, 314.975
Yxy	39.2341, 0.3023, 0.2777
Android (android.graphics.Color)	4290355143 (0xFFB99FC7)
YUV	171.3340, 13.6393, 11.9851
Hunter-Lab	62.6371, 12.1107, -12.3368

Details

The YUV color **171.3340, 13.6393, 11.9851** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **186.6660, -13.6393, -11.9851**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.7470, 13.9287, 12.4999**, and **118.8070, 12.9131, 11.5703** is the 20% darker color. If you saturate the color by 10%, you get **157.5010, 20.4590, 17.9776**, and if you desaturate by 10%, it is **185.1670, 6.8197, 5.9925**.

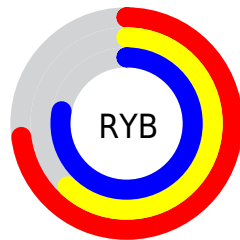
Distribution



Red (73%)

Green (62%)

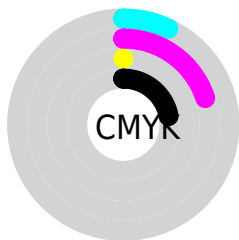
Blue (78%)



Red (73%)

Yellow (62%)

Blue (78%)

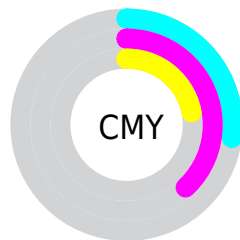


Cyan (7%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (27%)


Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 171.3340, 13.6393, 11.9851 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 171.3340, 13.6393, 11.9851 by changing the saturation by 10% instead.

 171.3340, 13.6393,
11.9851

 171.3340, 13.6393,
11.9851


255.0000, 0.0000,
0.0000


 144.9210, 13.3499,
11.4703


 226.7470, 13.9287,
12.4999


 118.8070, 12.9131,
11.5703

 247.3690, 3.7621,
6.6924

 93.9810, 12.3344,
10.5407

 70.4540, 11.6082,
10.1258

 47.7420, 11.4662,
8.9963

 26.2150, 10.7400,
8.5814

 7.3780, 10.1666,

5.8075

0.0000, 0.0000,
0.0000

171.3340, 13.6393,
11.9851

171.3340, 13.6393,
11.9851

157.5010, 20.4590,
17.9776

185.1670, 6.8197,
5.9925

143.6680, 27.2787,
23.9702

199.0000, 0.0000,
0.0000

129.8350, 34.0983,
29.9627

212.8330, -6.8197,
-5.9925

116.0020, 40.9180,
35.9552

226.6660,
-13.6393, -11.9851

102.7560, 47.4483,
41.4330

238.1510,
-19.3014, -15.9184

88.9230, 54.2680,
47.4255

240.2440,
-20.3333, -11.6150

75.0900, 61.0876,
53.4181

242.3370,
-21.3651, -7.3115

61.2570, 67.9073,
59.4106

244.4300,
-22.3970, -3.0081

246.5230,
-23.4288, 1.2953

Harmonies

Analogous

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



168.3250, 20.5458, -9.9320



171.3340, 13.6393, 11.9851



172.2130, 3.8390, 28.7542

Triad

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



171.3340, 13.6393, 11.9851



168.1650, -20.2943, 22.6573



158.3580, 10.1765, -44.1640

Complementary

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



171.3340, 13.6393, 11.9851



186.6660, -13.6393, -11.9851

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.



160.5200, -2.2284, -32.0280



171.3340, 13.6393, 11.9851



165.8810, -19.6613, 6.2434

Square

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



171.3340, 13.6393, 11.9851



169.4960, -15.5275, 33.7680



163.1820, -12.9077, -13.3146



159.3500, 19.0545, -45.0339

Rectangle

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



171.3340, 13.6393, 11.9851



171.1230, -3.0186, 34.9721



163.1820, -12.9077, -13.3146



159.2290, 5.8031, -41.4198

Sweetspot

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



171.3340, 13.6393, 11.9851



244.7000, 5.0779, 4.6481



171.7780, 13.4204, -11.2063



121.5210, 3.1941, 2.1741



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



171.3340, 13.6393, 11.9851



212.9140, 20.7484, 18.4924



174.9500, 9.3917, 21.0919



92.8200, 3.0467, 2.7889



50.2760, 55.5729, 48.8699



10.9810, 12.3344, 10.5407

Inverse Universe

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



172.5560, 0.2189, 23.1914



214.6330, 0.1809, 35.4019



183.0500, -9.3916, -21.0918



93.0330, -0.0163, 5.2331



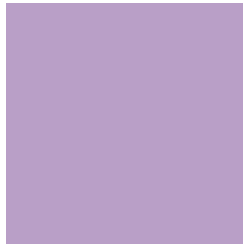
55.2350, 0.8701, 94.5099



12.1320, -0.0651, 20.9322

Previews

White Background



This preview shows how the YUV color 171.3340, 13.6393, 11.9851 looks on a white background.

Color Contrast Check

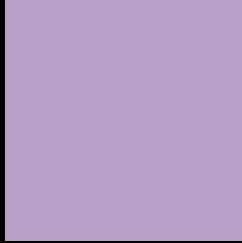
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 171.3340, 13.6393, 11.9851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

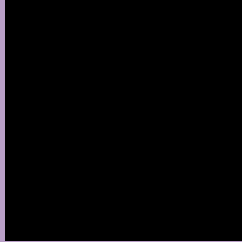
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.3340, 13.6393, 11.9851 Background



This preview shows how black text looks on a background with the YUV color 171.3340, 13.6393, 11.9851.



This preview shows how white text looks on a background with the YUV color 171.3340, 13.6393,

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

171.3340, 13.6393, 11.9851

Protanopia

169.1250, 17.1934, -8.0026

Deuteranopia

169.6700, 13.9667, 0.2894



Tritanopia

169.8640, 3.0250, 9.7663

Trichromacy



Original Color

171.3340, 13.6393, 11.9851

Protanomaly

169.8270, 15.8613, -0.7253

Deuteranomaly

169.9910, 13.8084, 4.3929

Tritanomaly

170.4880, 6.6614, 10.0960

Monochromacy



Original Color

171.3340, 13.6393, 11.9851

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.2870, 4.7885, 4.1333

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.3340, 13.6393, 11.9851 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, 159, 199)` looks like.

```
.text, #text, p{  
    color:rgb(185, 159, 199)  
}
```

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, 159, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 159, 199) }
```

Border

The CSS property to change the border of an element to YUV 171.3340, 13.6393, 11.9851 is called "border". The border property can be set on classes, ids or directly on the HTML element.

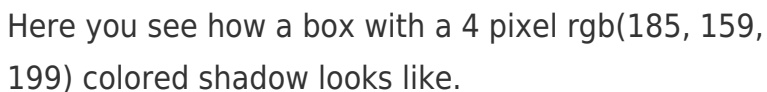
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 159, 199) }
```


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

```
.border{ border-color:rgb(185, 159, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 159, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 159, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 159, 199); box-shadow:4px 4px 4px 4px rgb(185, 159, 199) }
```

Background

The CSS property to change the background color of an element to YUV 171.3340, 13.6393, 11.9851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 159, 199) }
```

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

```
.background{ background-color: rgb(185,  
159, 199) }
```

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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