

Converting Colors

YUV(171.6440, 13.4865,
14.3442)

Have a look what the booklet for
YUV(171.6440, 13.4865, 14.3442)
contains.

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Color

**YUV(171.6440, 13.4865,
14.3442)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9EC7
RGB	188, 158, 199
RGB Percent	74%, 62%, 78%
CMY	0.2627, 0.3804, 0.2196
CMYK	0.06, 0.21, 0.00, 0.22
HSL	284°, 27%, 70%
HSV	284°, 21%, 78%
XYZ	43.2747, 39.2686, 59.3316
YIQ	171.6440, 4.7190, 19.1110

Conversions

Conversions Part 2

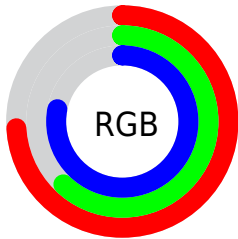
Format	Color
RYB	188, 158, 199
Decimal	12361415
CIELab	68.95, 18.51, -16.90
CIELCh	69, 25.063, 317.601
Yxy	39.2686, 0.3050, 0.2768
Android (android.graphics.Color)	4290551495 (0xFFBC9EC7)
YUV	171.6440, 13.4865, 14.3442
Hunter-Lab	62.6647, 13.6046, -12.2712

Details

The YUV color **171.6440, 13.4865, 14.3442** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **185.3560, -13.4865, -14.3442**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.0570, 13.7759, 14.8590**, and **118.8180, 12.9077, 13.3146** is the 20% darker color. If you saturate the color by 10%, you get **158.4090, 20.0114, 21.5663**, and if you desaturate by 10%, it is **184.8790, 6.9617, 7.1221**.

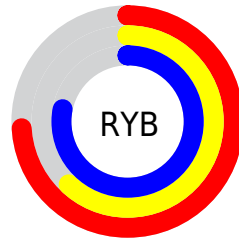
Distribution



Red (74%)

Green (62%)

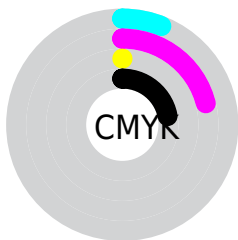
Blue (78%)



Red (74%)

Yellow (62%)

Blue (78%)

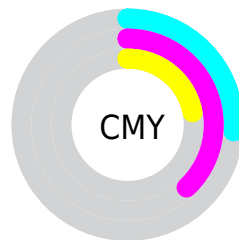


Cyan (6%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (26%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 171.6440, 13.4865, 14.3442 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 171.6440, 13.4865, 14.3442 by changing the saturation by 10% instead.


 171.6440, 13.4865,
14.3442


 171.6440, 13.4865,
14.3442


255.0000, 0.0000,
0.0000


 145.2310, 13.1971,
13.8294


 227.0570, 13.7759,
14.8590


 118.8180, 12.9077,
13.3146

 246.7820, 4.0515,
7.2072

 94.2910, 12.1815,
12.8998

 70.4650, 11.6028,
11.8702

 48.0520, 11.3134,
11.3554

 26.2260, 10.7346,
10.3258

 8.2750, 9.7244,

7.6518

■ 0.0000, 0.0000,
0.0000

■ 171.6440, 13.4865,
14.3442

■ 171.6440, 13.4865,
14.3442

■ 158.4090, 20.0114,
21.5663

■ 184.8790, 6.9617,
7.1221

■ 144.8750, 26.6836,
28.1736

■ 198.4130, 0.2894,
0.5148

■ 131.6400, 33.2085,
35.3957

■ 211.6480, -6.2355,
-6.7073

■ 118.4050, 39.7333,
42.6178

■ 224.8830,
-12.7603, -13.9294

■ 105.4580, 46.1162,
48.7103

■ 236.6560,
-18.5644, -18.9923

■ 92.2230, 52.6411,
55.9324

■ 238.1510,
-19.3014, -15.9184

■ 78.9880, 59.1659,
63.1545

■ 239.6460,
-20.0385, -12.8445

■ 66.3400, 65.4014,
69.8618

■ 241.4400,
-20.9229, -9.1559

■ 242.9350,
-21.6600, -6.0820

Harmonies

Analogous

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



169.0370, 20.6878, -8.8024



171.6440, 13.4865, 14.3442



172.4090, 3.2494, 31.2133

Triad

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



171.6440, 13.4865, 14.3442



168.4100, -21.8941, 22.4424



157.6780, 11.4977, -47.9526

Complementary

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



171.6440, 13.4865, 14.3442



185.3560, -13.4865, -14.3442

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.



159.5520, -0.7651, -34.6871



171.6440, 13.4865, 14.3442



165.7560, -20.0927, 4.5990

Square

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



171.6440, 13.4865, 14.3442



169.5670, -16.5485, 34.5827



162.8720, -12.7549, -15.6737



159.3820, 20.5177, -47.6930

Rectangle

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



171.6440, 13.4865, 14.3442



171.7920, -4.3345, 37.0164



162.8720, -12.7549, -15.6737



157.9620, 7.4137, -44.6937

Sweetspot

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



171.6440, 13.4865, 14.3442



244.9990, 4.9305, 5.2629



169.7180, 14.4360, -10.2767



121.8200, 3.0467, 2.7889



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.



171.6440, 13.4865, 14.3442



212.3490, 21.0269, 22.4959



173.9070, 7.9338, 22.0066



93.1190, 2.8993, 3.4036



54.1630, 53.6566, 56.8620



11.8780, 11.8921, 12.3850

Inverse Universe

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



171.5130, -1.2389, 24.1061



212.0740, -2.0085, 37.6461



183.0930, -7.9338, -22.0066



92.9190, -0.4531, 5.3330



53.7530, -4.8082, 95.8096



11.9040, -0.9387, 21.1322

Previews

White Background



This preview shows how the YUV color 171.6440, 13.4865, 14.3442 looks on a white background.

Color Contrast Check

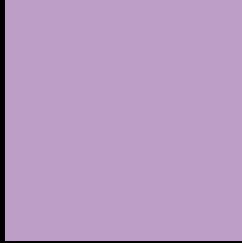
Large Text (above 18pt) WCAG AA × Fail

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 171.6440, 13.4865, 14.3442 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 171.6440, 13.4865, 14.3442

Background



This preview shows how black text looks on a background with the YUV color 171.6440, 13.4865, 14.3442.



This preview shows how white text looks on a background with the YUV color 171.6440, 13.4865,

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

171.6440, 13.4865, 14.3442

Protanopia

169.2390, 17.6302, -8.1026

Deuteranopia

169.9690, 13.8193, 0.9042



Tritanopia

170.0600, 2.4354, 12.2254

Trichromacy



Original Color

171.6440, 13.4865, 14.3442

Protanomaly

170.2400, 16.1507, -0.2105

Deuteranomaly

170.5890, 13.5136, 5.6224

Tritanomaly

170.7980, 6.5086, 12.4552

Monochromacy



Original Color

171.6440, 13.4865, 14.3442

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.9990, 4.9305, 5.2629

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.6440, 13.4865, 14.3442 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(188, 158, 199)` looks like.

```
.text, #text, p{  
    color:rgb(188, 158, 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(188, 158, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 158, 199) }
```

Border

The CSS property to change the border of an element to YUV 171.6440, 13.4865, 14.3442 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(188, 158, 199) }
```


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

```
.border{ border-color:rgb(188, 158, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 158, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 158, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 158, 199);  
box-shadow:4px 4px 4px 4px rgb(188, 158,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 171.6440, 13.4865, 14.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 158, 199) }
```

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

```
.background{ background-color: rgb(188,  
158, 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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