

Converting Colors

YUV(171.2310, 13.1971,
13.8294)

Have a look what the booklet for
YUV(171.2310, 13.1971, 13.8294)
contains.

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Color

**YUV(171.2310, 13.1971,
13.8294)**

Conversions

Conversions Part 1

Format	Color
Hex	BB9EC6
RGB	187, 158, 198
RGB Percent	73%, 62%, 78%
CMY	0.2667, 0.3804, 0.2235
CMYK	0.06, 0.20, 0.00, 0.22
HSL	284°, 26%, 70%
HSV	284°, 20%, 78%
XYZ	42.9134, 39.0957, 58.7105
YIQ	171.2310, 4.4440, 18.5880

Conversions

Conversions Part 2

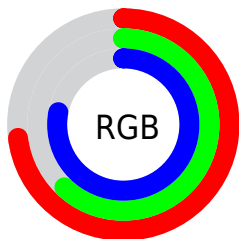
Format	Color
RYB	187, 158, 198
Decimal	12295878
CIELab	68.82, 17.97, -16.54
CIELCh	69, 24.428, 317.373
Yxy	39.0957, 0.3050, 0.2778
Android (android.graphics.Color)	4290485958 (0xFFBB9EC6)
YUV	171.2310, 13.1971, 13.8294
Hunter-Lab	62.5266, 13.0871, -11.9029

Details

The YUV color **171.2310, 13.1971, 13.8294** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **184.7690, -13.1971, -13.8294**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.7580, 13.9233, 14.2442**, and **118.4050, 12.6183, 12.7998** is the 20% darker color. If you saturate the color by 10%, you get **157.9960, 19.7220, 21.0515**, and if you desaturate by 10%, it is **184.4660, 6.6723, 6.6073**.

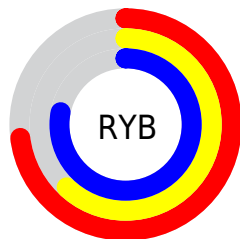
Distribution



Red (73%)

Green (62%)

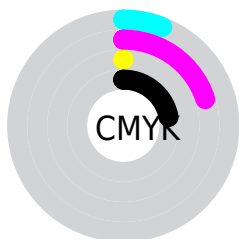
Blue (78%)



Red (73%)

Yellow (62%)

Blue (78%)

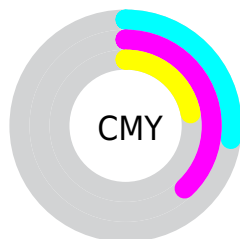


Cyan (6%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (27%)


Magenta (38%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 171.2310, 13.1971, 13.8294 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 171.2310, 13.1971, 13.8294 by changing the saturation by 10% instead.


 171.2310, 13.1971,
13.8294


 171.2310, 13.1971,
13.8294


255.0000, 0.0000,
0.0000


 144.8180, 12.9077,
13.3146


 226.7580, 13.9233,
14.2442


 118.4050, 12.6183,
12.7998

 246.7820, 4.0515,
7.2072

 93.8780, 11.8921,
12.3850

 70.1660, 11.7502,
11.2554

 47.6390, 11.0240,
10.8406

 25.8130, 10.4452,
9.8110

 7.8620, 9.4350,

7.1370

■ 0.0000, 0.0000,
0.0000

■ 171.2310, 13.1971,
13.8294

■ 171.2310, 13.1971,
13.8294

■ 157.9960, 19.7220,
21.0515

■ 184.4660, 6.6723,
6.6073

■ 144.4620, 26.3942,
27.6588

■ 198.0000, 0.0000,
0.0000

■ 131.8140, 32.6297,
34.3661

■ 210.6480, -6.2355,
-6.7073

■ 118.2800, 39.3020,
40.9734

■ 224.1820,
-12.9077, -13.3146

■ 105.0450, 45.8268,
48.1955

■ 236.2430,
-18.8538, -19.5071

■ 91.5110, 52.4991,
54.8029

■ 238.0370,
-19.7382, -15.8184

■ 78.2760, 59.0239,
62.0249

■ 239.5320,
-20.4753, -12.7446

■ 65.6280, 65.2594,
68.7322

■ 241.3260,
-21.3597, -9.0559

■ 242.8210,
-22.0968, -5.9820

Harmonies

Analogous

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



168.9230, 20.2510, -8.7025



171.2310, 13.1971, 13.8294



171.6970, 3.1074, 30.0837

Triad

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



171.2310, 13.1971, 13.8294



167.6380, -21.0205, 22.2425



157.5750, 11.0555, -46.1083

Complementary

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



171.2310, 13.1971, 13.8294



184.7690, -13.1971, -13.8294

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.



159.8510, -0.9125, -34.0723



171.2310, 13.1971, 13.8294



165.8700, -19.6559, 4.4990

Square

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



171.2310, 13.1971, 13.8294



169.2680, -16.4011, 33.9680



162.5840, -12.6129, -14.5442



159.2790, 20.0755, -45.8487

Rectangle

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



171.2310, 13.1971, 13.8294



171.1940, -4.0396, 35.7869



162.5840, -12.6129, -14.5442



157.9730, 7.4083, -42.9493

Sweetspot

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



171.2310, 13.1971, 13.8294



244.9990, 4.9305, 5.2629



169.0170, 14.2886, -9.6619



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.



171.2310, 13.1971, 13.8294



214.1100, 20.1588, 20.9515



173.4940, 7.6445, 21.4918



93.1190, 2.8993, 3.4036



53.8640, 53.8040, 56.2473



11.8780, 11.8921, 12.3850

Inverse Universe

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



171.2140, -1.0915, 23.4913



214.1770, -1.5663, 35.8018



182.5060, -7.6445, -21.4918



92.9190, -0.4531, 5.3330



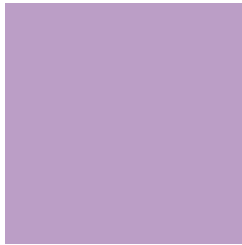
53.8670, -4.3714, 95.7096



11.9040, -0.9387, 21.1322

Previews

White Background



This preview shows how the YUV color 171.2310, 13.1971, 13.8294 looks on a white background.

Color Contrast Check

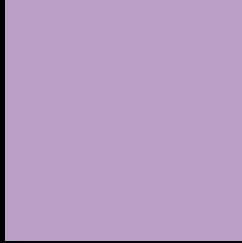
Large Text (above 18pt) WCAG AA × Fail

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 171.2310, 13.1971, 13.8294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

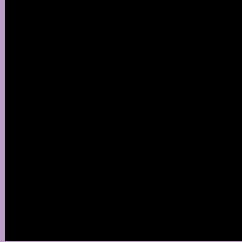
Any Text WCAG AA ✓ Pass

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 171.2310, 13.1971, 13.8294 Background



This preview shows how black text looks on a background with the YUV color 171.2310, 13.1971, 13.8294.



This preview shows how white text looks on a background with the YUV color 171.2310, 13.1971,

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

171.2310, 13.1971, 13.8294

Protanopia

168.5380, 17.4828, -7.4878

Deuteranopia

169.5560, 13.5299, 0.3894



Tritanopia

169.7610, 2.5828, 11.6106

Trichromacy



Original Color

171.2310, 13.1971, 13.8294

Protanomaly

169.5390, 16.0033, 0.4043

Deuteranomaly

170.1760, 13.2242, 5.1076

Tritanomaly

170.3850, 6.2192, 11.9404

Monochromacy



Original Color

171.2310, 13.1971, 13.8294

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.9990, 4.9305, 5.2629

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.2310, 13.1971, 13.8294 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(187, 158, 198)` looks like.

```
.text, #text, p{  
    color:rgb(187, 158, 198)  
}
```

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(187, 158, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 158, 198) }
```

Border

The CSS property to change the border of an element to YUV 171.2310, 13.1971, 13.8294 is called "border". The border property can be set on classes, ids or directly on the HTML element.

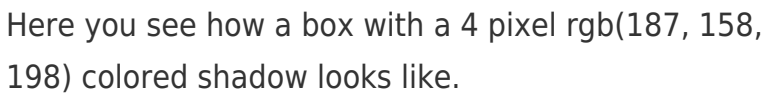
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 158, 198) }
```


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

```
.border{ border-color:rgb(187, 158, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 158, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 158, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 158, 198); box-shadow:4px 4px 4px 4px rgb(187, 158, 198) }
```

Background

The CSS property to change the background color of an element to YUV 171.2310, 13.1971, 13.8294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 158, 198) }
```

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

```
.background{ background-color: rgb(187,  
158, 198) }
```

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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