

Converting Colors

YUV(171.1830, 12.7278,
24.3955)

Have a look what the booklet for
YUV(171.1830, 12.7278, 24.3955)
contains.

YUV(171.1830, 12.7278, 24.3955)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(171.1830, 12.7278,
24.3955)**

Conversions

Conversions Part 1

Format	Color
Hex	C798C5
RGB	199, 152, 197
RGB Percent	78%, 60%, 77%
CMY	0.2196, 0.4039, 0.2275
CMYK	0.00, 0.24, 0.01, 0.22
HSL	303°, 30%, 69%
HSV	303°, 24%, 78%
XYZ	44.8595, 38.6298, 57.9153
YIQ	171.1830, 13.5670, 23.9590

Conversions

Conversions Part 2

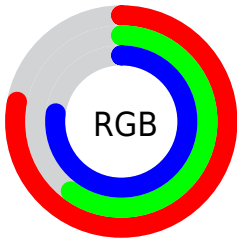
Format	Color
R_{YB}	199, 152, 197
Decimal	13080773
CIE _{Lab}	68.48, 25.14, -16.39
CIE _{LCh}	68, 30.013, 326.905
Yxy	38.6298, 0.3172, 0.2732
Android (android.graphics.Color)	4291270853 (0xFFC798C5)
YUV	171.1830, 12.7278, 24.3955
Hunter-Lab	62.1529, 20.0666, -11.7406

Details

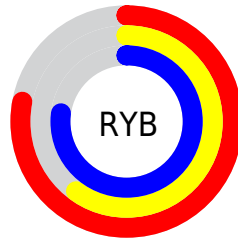
The YUV color $171.1830, 12.7278, 24.3955$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $179.8170, -12.7278, -24.3955$, and the grayscale version is $171.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.7100, 13.4540, 24.8103$, and $118.9440, 11.8596, 22.8511$ is the 20% darker color. If you saturate the color by 10%, you get $159.3290, 18.0788, 34.7915$, and if you desaturate by 10%, it is $183.0370, 7.3768, 13.9996$.

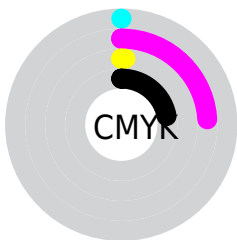
Distribution



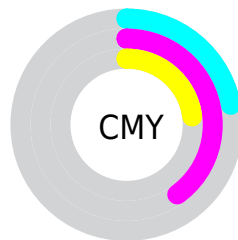
- Red (78%)
- Green (60%)
- Blue (77%)



- Red (78%)
- Yellow (60%)
- Blue (77%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 171.1830, 12.7278, 24.3955 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 171.1830, 12.7278, 24.3955 by changing the saturation by 10% instead.


 171.1830, 12.7278,
24.3955

 171.1830, 12.7278,
24.3955


255.0000, 0.0000,
0.0000


 144.4710, 12.5858,
23.2659


 226.7100, 13.4540,
24.8103


 118.9440, 11.8596,
22.8511

 243.2600, 5.7878,
10.2960

 93.2320, 11.7176,
21.7215

 69.5200, 11.5756,
20.5920

 46.1070, 11.2862,
20.0772

 23.8080, 11.4337,
19.4624

 10.4390, 7.6716,

12.7700

■ 0.0000, 0.0000,
0.0000

■ 171.1830, 12.7278,
24.3955

■ 171.1830, 12.7278,
24.3955

■ 159.3290, 18.0788,
34.7915

■ 183.0370, 7.3768,
13.9996

■ 147.4750, 23.4298,
45.1874

■ 194.8910, 2.0257,
3.6036

■ 135.6210, 28.7808,
55.5834

■ 206.7450, -3.3253,
-6.7924

■ 123.8810, 34.5687,
65.8794

■ 218.4850, -9.1131,
-17.0883

■ 112.6140, 39.6303,
75.7605

■ 230.3390,
-14.4641, -27.4843

100.7600, 44.9813,
86.1565

232.2140,
-14.8955, -29.1287

88.9060, 50.3323,
96.5524

232.3280,
-14.4587, -29.2287

81.2750, 54.0944,
103.2448

232.4420,
-14.0219, -29.3286

232.5560,
-13.5851, -29.4286

Harmonies

Analogous

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



168.9500, 22.7027, -1.7101



171.1830, 12.7278, 24.3955



170.9650, 0.0173, 41.2497

Triad

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



171.1830, 12.7278, 24.3955



165.6610, -25.9619, 20.4683



151.6420, 19.4035, -63.7070

Complementary

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



171.1830, 12.7278, 24.3955



179.8170, -12.7278, -24.3955

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.



154.7180, 4.0830, -49.7417



171.1830, 12.7278, 24.3955



162.8430, -22.1076, -2.4933

Square

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



171.1830, 12.7278, 24.3955



167.7970, -22.0849, 37.0120



159.2620, -10.9752, -26.5398



155.8630, 27.6755, -56.8849

Rectangle

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



171.1830, 12.7278, 24.3955



169.6960, -8.7241, 44.9936



159.2620, -10.9752, -26.5398



152.3990, 14.5933, -60.8629

Sweetspot

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



171.1830, 12.7278, 24.3955



244.3200, 4.7722, 9.3664



157.9560, 20.2347, -3.4694



121.4290, 2.7465, 5.7628



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.



171.1830, 12.7278, 24.3955



212.9810, 19.2364, 36.8507



168.5610, 2.6814, 26.6950



93.7170, 2.6045, 4.6332



66.5210, 44.1131, 84.6121



14.6400, 9.5445, 18.7327

Inverse Universe

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



171.1830, 12.7278, 24.3955



212.9810, 19.2364, 36.8507



182.4390, -2.6814, -26.6950



93.7170, 2.6045, 4.6332



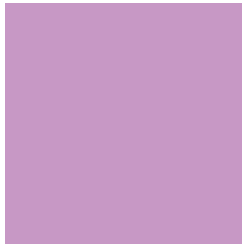
66.5210, 44.1131, 84.6121



14.6400, 9.5445, 18.7327

Previews

White Background



This preview shows how the YUV color 171.1830, 12.7278, 24.3955 looks on a white background.

Color Contrast Check

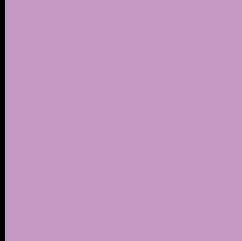
Large Text (above 18pt) WCAG AA × Fail

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 171.1830, 12.7278, 24.3955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

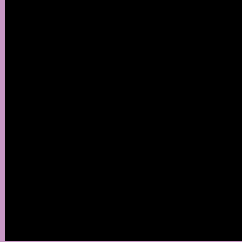
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.1830, 12.7278, 24.3955

Background



This preview shows how black text looks on a background with the YUV color 171.1830, 12.7278, 24.3955.



This preview shows how white text looks on a background with the YUV color 171.1830, 12.7278,

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

171.1830, 12.7278, 24.3955

Protanopia

168.1680, 18.6512, -8.9173

Deuteranopia

168.7410, 12.9457, 1.1041



Tritanopia

169.7300, -0.3599, 22.1618

Trichromacy



Original Color

171.1830, 12.7278, 24.3955

Protanomaly

169.3760, 16.5766, 3.1782

Deuteranomaly

169.7960, 12.9186, 9.8259

Tritanomaly

169.9950, 4.4395, 22.8064

Monochromacy



Original Color

171.1830, 12.7278, 24.3955

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.9070, 4.4828, 8.8516

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.1830, 12.7278, 24.3955 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(199, 152, 197)` looks like.

```
.text, #text, p{  
    color:rgb(199, 152, 197)  
}
```

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(199, 152, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 152, 197) }
```

Border

The CSS property to change the border of an element to YUV 171.1830, 12.7278, 24.3955 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(199, 152, 197) }
```


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

```
.border{ border-color:rgb(199, 152, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 152, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 152, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 152, 197); box-shadow:4px 4px 4px 4px rgb(199, 152, 197) }
```

Background

The CSS property to change the background color of an element to YUV 171.1830, 12.7278, 24.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 152, 197) }
```

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

```
.background{ background-color: rgb(199,  
152, 197) }
```

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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