

Converting Colors

YUV(178.2010, 22.0859, 9.4707)

Have a look what the booklet for
YUV(178.2010, 22.0859, 9.4707)
contains.

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Color

**YUV(178.2010, 22.0859,
9.4707)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA4DF
RGB	189, 164, 223
RGB Percent	74%, 64%, 87%
CMY	0.2588, 0.3569, 0.1255
CMYK	0.15, 0.26, 0.00, 0.13
HSL	265°, 48%, 76%
HSV	265°, 26%, 87%
XYZ	47.5810, 42.6974, 75.5457
YIQ	178.2010, -4.0390, 23.6490

Conversions

Conversions Part 2

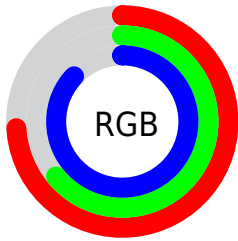
Format	Color
RYB	189, 164, 223
Decimal	12428511
CIELab	71.35, 20.51, -26.46
CIELCh	71, 33.471, 307.779
Yxy	42.6974, 0.2869, 0.2575
Android (android.graphics.Color)	4290618591 (0xFFBDA4DF)
YUV	178.2010, 22.0859, 9.4707
Hunter-Lab	65.3433, 15.6276, -22.8070

Details

The YUV color **178.2010, 22.0859, 9.4707** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **208.7990, -22.0859, -9.4707**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.1770, 11.7447, 12.9998**, and **125.2610, 21.0703, 8.5411** is the 20% darker color. If you saturate the color by 10%, you get **161.4000, 30.3688, 12.8042**, and if you desaturate by 10%, it is **195.0020, 13.8030, 6.1372**.

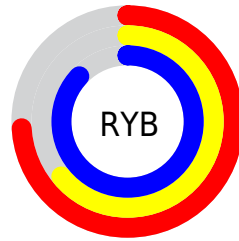
Distribution



Red (74%)

Green (64%)

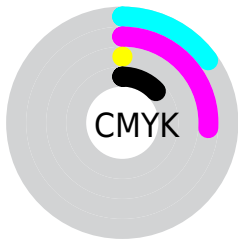
Blue (87%)



Red (74%)

Yellow (64%)

Blue (87%)

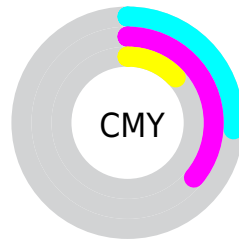


Cyan (15%)

Magenta (26%)

Yellow (0%)

Black (13%)



Cyan (26%)

Magenta (36%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.2010, 22.0859, 9.4707 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 178.2010, 22.0859, 9.4707 by changing the saturation by 10% instead.

■ 178.2010, 22.0859,
9.4707

■ 178.2010, 22.0859,
9.4707

■ 255.0000, 0.0000,
0.0000

■ 151.6740, 21.3597,
9.0559

■ 231.1770, 11.7447,
12.9998

■ 125.2610, 21.0703,
8.5411

■ 250.8910, 2.0257,
3.6036

■ 100.3210, 20.0547,
7.6115

■ 75.7940, 19.3286,
7.1967

■ 52.9680, 18.7498,
6.1671

■ 31.0280, 17.7342,
5.2374

■ 10.8110, 16.8552,

7.1818

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 178.2010, 22.0859,
9.4707

■ 178.2010, 22.0859,
9.4707

■ 161.4000, 30.3688,
12.8042

■ 195.0020, 13.8030,
6.1372

■ 144.0120, 38.9411,
16.6525

■ 212.3900, 5.2307,
2.2890

■ 127.2110, 47.2240,
19.9860

■ 229.1910, -3.0522,
-1.0445

■ 110.7090, 55.3595,
23.9342

■ 245.6930,
-11.1876, -4.9928

■ 93.9080, 63.6424,
27.2677

■ 250.7540,
-13.6827, 1.9697

■ 76.5200, 72.2146,
31.1160

■ 251.3520,
-13.9775, 3.1993

■ 59.7190, 80.4975,
34.4494

■ 53.5280, 83.5497,
35.4939

Harmonies

Analogous

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



173.1690, 30.4827, -23.8272



178.2010, 22.0859, 9.4707



179.3370, 9.2009, 35.6615

Triad

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



178.2010, 22.0859, 9.4707



174.7060, -27.4631, 35.3378



157.9810, 11.8414, -64.8813

Complementary

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



178.2010, 22.0859, 9.4707



208.7990, -22.0859, -9.4707

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.



163.4390, -6.1324, -39.8500



178.2010, 22.0859, 9.4707



171.9330, -28.5610, 14.0908

Square

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



178.2010, 22.0859, 9.4707



176.7860, -18.6285, 48.4227



168.7170, -21.0595, -12.0298



156.5140, 26.8616, -75.8728

Rectangle

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



178.2010, 22.0859, 9.4707



178.8840, -0.4358, 46.5827



168.7170, -21.0595, -12.0298



159.7170, 5.5625, -57.6338

Sweetspot

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



178.2010, 22.0859, 9.4707



239.6720, 7.5567, 2.9187



190.6840, 15.9318, -23.4019



117.9770, 4.9413, 1.7742



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.



178.2010, 22.0859, 9.4707



192.8130, 30.6582, 13.3190



186.8720, 17.8111, 27.2993



103.7490, 4.0677, 1.9741



42.4890, 65.8209, 28.5121



11.7510, 17.8708, 8.1114

Inverse Universe

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



185.5170, 6.1541, 32.8726



202.8760, 8.4421, 45.7127



200.1280, -17.8111, -27.2993



104.9730, 0.9993, 6.1627



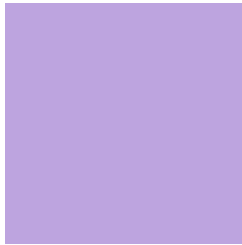
64.1380, 18.1730, 98.1030



17.5440, 5.1548, 26.7099

Previews

White Background



This preview shows how the YUV color 178.2010, 22.0859, 9.4707 looks on a white background.

Color Contrast Check

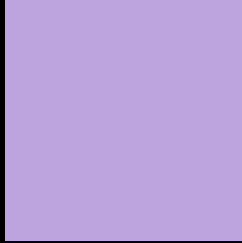
Large Text (above 18pt) WCAG AA × Fail

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 178.2010, 22.0859, 9.4707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

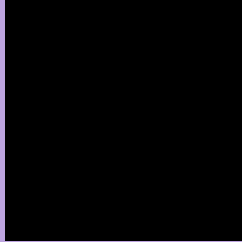
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.2010, 22.0859, 9.4707

Background



This preview shows how black text looks on a background with the YUV color 178.2010, 22.0859, 9.4707.



This preview shows how white text looks on a background with the YUV color 178.2010, 22.0859, 9.4707.

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

178.2010, 22.0859, 9.4707

Protanopia

175.1980, 26.5244, -14.2056

Deuteranopia

176.2050, 22.5769, -8.0728



Tritanopia

176.1840, 4.3463, 5.9776

Trichromacy



Original Color

178.2010, 22.0859, 9.4707

Protanomaly

176.4980, 24.8975, -5.6987

Deuteranomaly

176.8360, 22.2659, -1.6102

Tritanomaly

176.6170, 11.0348, 7.3519

Monochromacy



Original Color

178.2010, 22.0859, 9.4707

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.0850, 7.8461, 3.4335

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.2010, 22.0859, 9.4707 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(189, 164, 223)` looks like.

```
.text, #text, p{  
    color:rgb(189, 164, 223)  
}
```

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(189, 164, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 164, 223) }
```

Border

The CSS property to change the border of an element to YUV 178.2010, 22.0859, 9.4707 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(189, 164, 223) }
```


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

```
.border{ border-color:rgb(189, 164, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 164, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 164, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 164, 223);  
box-shadow:4px 4px 4px 4px rgb(189, 164,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 178.2010, 22.0859, 9.4707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 164, 223) }
```

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

```
.background{ background-color: rgb(189,  
164, 223) }
```

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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