

Converting Colors

YUV(178.9830, 26.1374,
16.6779)

Have a look what the booklet for
YUV(178.9830, 26.1374, 16.6779)
contains.

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Color

**YUV(178.9830, 26.1374,
16.6779)**

Conversions

Conversions Part 1

Format	Color
Hex	C69FE8
RGB	198, 159, 232
RGB Percent	78%, 62%, 91%
CMY	0.2235, 0.3765, 0.0902
CMYK	0.15, 0.31, 0.00, 0.09
HSL	272°, 61%, 77%
HSV	272°, 31%, 91%
XYZ	50.2523, 42.6282, 81.9234
YIQ	178.9830, -0.1890, 30.9710

Conversions

Conversions Part 2

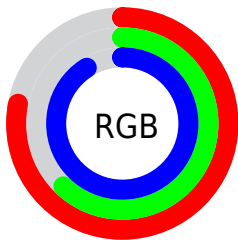
Format	Color
R_{YB}	198, 159, 232
Decimal	13017064
CIE _{Lab}	71.30, 28.00, -31.39
CIE _{LCh}	71, 42.062, 311.741
Yxy	42.6282, 0.2875, 0.2439
Android (android.graphics.Color)	4291207144 (0xFFC69FE8)
YUV	178.9830, 26.1374, 16.6779
Hunter-Lab	65.2903, 23.1290, -28.6913

Details

The YUV color **178.9830, 26.1374, 16.6779** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **212.0170, -26.1374, -16.6779**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.9330, 11.8650, 21.1068**, and **125.6300, 24.8324, 15.2335** is the 20% darker color. If you saturate the color by 10%, you get **162.1930, 34.4149, 21.7557**, and if you desaturate by 10%, it is **195.7730, 17.8599, 11.6001**.

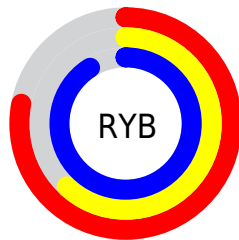
Distribution



Red (78%)

Green (62%)

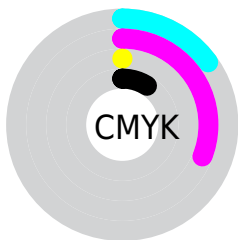
Blue (91%)



Red (78%)

Yellow (62%)

Blue (91%)

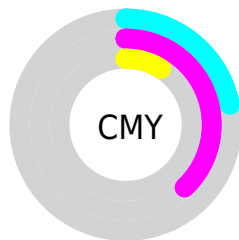


Cyan (15%)

Magenta (31%)

Yellow (0%)

Black (9%)



Cyan (22%)


Magenta (38%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 178.9830, 26.1374, 16.6779 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 178.9830, 26.1374, 16.6779 by changing the saturation by 10% instead.


 178.9830, 26.1374,
16.6779


 178.9830, 26.1374,
16.6779


255.0000, 0.0000,
0.0000


 152.1570, 25.5586,
15.6483


 230.9330, 11.8650,
21.1068


 125.6300, 24.8324,
15.2335

 247.9560, 3.4727,
6.1776

 100.1030, 24.1062,
14.8187

 75.8640, 23.2380,
13.2743

 52.0380, 22.6593,
12.2447

 29.2120, 22.0805,
11.2151

 12.6910, 18.8863,

9.0410

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 178.9830, 26.1374,
16.6779

■ 178.9830, 26.1374,
16.6779

■ 162.1930, 34.4149,
21.7557

■ 195.7730, 17.8599,
11.6001

■ 145.4030, 42.6923,
26.8336

■ 212.5630, 9.5824,
6.5222

■ 128.3250, 51.1118,
33.0410

■ 229.6410, 1.1630,
0.3148

■ 111.5350, 59.3892,
38.1188

■ 246.4310, -7.1145,
-4.7630

■ 94.7450, 67.6667,
43.1966

■ 251.4810, -9.6041,
0.4552

■ 77.9550, 75.9442,
48.2745

■ 252.3780,
-10.0464, 2.2995

■ 63.5240, 83.0587,
53.0375

Harmonies

Analogous

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



172.3950, 37.7663, -26.6564



178.9830, 26.1374, 16.6779



179.0550, 10.3259, 48.1868

Triad

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



178.9830, 26.1374, 16.6779



173.3770, -35.1889, 40.0114



136.0110, 26.1236, -119.2816

Complementary

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



178.9830, 26.1374, 16.6779



212.0170, -26.1374, -16.6779

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.



157.7850, -4.3310, -57.6934



178.9830, 26.1374, 16.6779



170.0870, -35.5389, 12.2017

Square

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



178.9830, 26.1374, 16.6779



175.2450, -24.7708, 58.5441



165.4510, -24.3793, -20.5665



138.2400, 42.2797, -121.2365

Rectangle

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



178.9830, 26.1374, 16.6779



177.9180, -1.9316, 59.7079



165.4510, -24.3793, -20.5665



148.2830, 13.6645, -89.7022

Sweetspot

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



178.9830, 26.1374, 16.6779



238.2100, 8.2775, 5.0778



187.2800, 22.0470, -24.8016



117.1020, 5.3727, 3.4185



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.



178.9830, 26.1374, 16.6779



184.6060, 34.7042, 22.2705



188.9210, 20.2519, 37.7803



106.1620, 4.3571, 2.4889



48.8110, 64.1832, 40.5078



13.8870, 18.2967, 11.5001

Inverse Universe

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



184.7030, 4.0904, 41.4795



192.1330, 5.3574, 55.1344



202.0790, -20.2519, -37.7803



107.2720, 0.8519, 6.7775



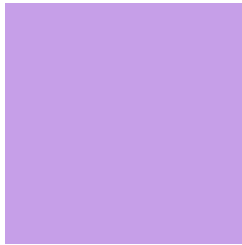
62.9830, 9.8684, 101.7469



17.9850, 2.9654, 28.9542

Previews

White Background



This preview shows how the YUV color 178.9830, 26.1374, 16.6779 looks on a white background.

Color Contrast Check

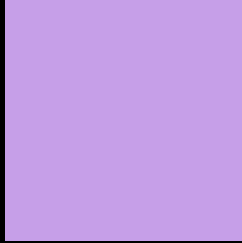
Large Text (above 18pt) WCAG AA × Fail

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 178.9830, 26.1374, 16.6779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

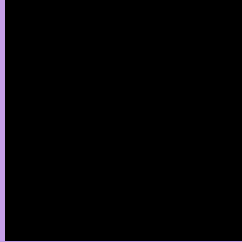
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.9830, 26.1374, 16.6779

Background



This preview shows how black text looks on a background with the YUV color 178.9830, 26.1374, 16.6779.



This preview shows how white text looks on a background with the YUV color 178.9830, 26.1374,

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

178.9830, 26.1374, 16.6779

Protanopia

174.5980, 33.2292, -18.0644

Deuteranopia

175.5080, 26.3716, -11.8465



Tritanopia

176.7610, 2.5828, 11.6106

Trichromacy



Original Color

178.9830, 26.1374, 16.6779

Protanomaly

175.9910, 30.5704, -5.2541

Deuteranomaly

176.5740, 26.3390, -1.3804

Tritanomaly

177.3620, 11.1605, 13.7145

Monochromacy



Original Color

178.9830, 26.1374, 16.6779

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.1500, 9.2930, 6.0074

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.9830, 26.1374, 16.6779 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(198, 159, 232)` looks like.

```
.text, #text, p{  
    color:rgb(198, 159, 232)  
}
```

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(198, 159, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 159, 232) }
```

Border

The CSS property to change the border of an element to YUV 178.9830, 26.1374, 16.6779 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(198, 159, 232) }
```


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

```
.border{ border-color:rgb(198, 159, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 159, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 159, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 159, 232);  
box-shadow:4px 4px 4px 4px rgb(198, 159,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 178.9830, 26.1374, 16.6779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 159, 232) }
```

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

```
.background{ background-color: rgb(198,  
159, 232) }
```

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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