

Converting Colors

YUV(229.6670, -1.8078,
-26.8950)

Have a look what the booklet for
YUV(229.6670, -1.8078, -26.8950)
contains.

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Color

**YUV(229.6670, -1.8078,
-26.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	C7F6E2
RGB	199, 246, 226
RGB Percent	78%, 96%, 89%
CMY	0.2196, 0.0353, 0.1137
CMYK	0.19, 0.00, 0.08, 0.04
HSL	154°, 72%, 87%
HSV	154°, 19%, 96%
XYZ	70.2364, 83.5446, 84.3754
YIQ	229.6670, -21.5920, -16.1840

Conversions

Conversions Part 2

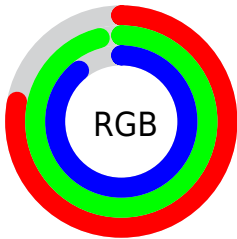
Format	Color
R _{YB}	199, 229, 246
Decimal	13104866
CIE Lab	93.25, -18.87, 4.66
CIE LCh	93, 19.442, 166.121
Yxy	83.5446, 0.2949, 0.3508
Android (android.graphics.Color)	4291294946 (0xFFC7F6E2)
YUV	229.6670, -1.8078, -26.8950
Hunter-Lab	91.4028, -22.7904, 9.2504

Details

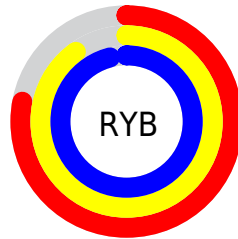
The YUV color **229.6670, -1.8078, -26.8950** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **215.3330, 1.8078, 26.8950**, and the grayscale version is **230.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **174.0800, -1.5184, -26.3802** is the 20% darker color. If you saturate the color by 10%, you get **221.0520, -2.4906, -41.2646**, and if you desaturate by 10%, it is **238.2820, -1.1250, -12.5253**.

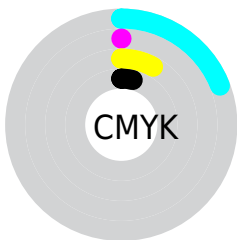
Distribution



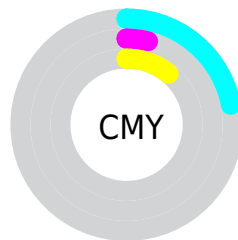
- Red (78%)
- Green (96%)
- Blue (89%)



- Red (78%)
- Yellow (90%)
- Blue (96%)



- Cyan (19%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)



- Cyan (22%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.6670, -1.8078, -26.8950 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 229.6670, -1.8078, -26.8950 by changing the saturation by 10% instead.

■ 229.6670, -1.8078,
-26.8950

■ 229.6670, -1.8078,
-26.8950

255.0000, 0.0000,
0.0000

■ 201.0800, -1.5184,
-26.3802

■ 174.0800, -1.5184,
-26.3802

■ 146.7920, -1.3765,
-25.2506

■ 121.2050, -1.0871,
-24.7358

■ 96.2050, -1.0871,
-24.7358

■ 71.6180, -0.7977,
-24.2210

■ 48.4330, -0.2135,

-24.9357

■ 26.5580, 0.2179,
-23.2914

■ 11.7400, -5.7878,
-10.2960

■ 229.6670, -1.8078,
-26.8950

■ 229.6670, -1.8078,
-26.8950

■ 221.0520, -2.4906,
-41.2646

■ 238.2820, -1.1250,
-12.5253

■ 212.6220, -3.7576,
-54.9195

■ 246.7120, 0.1420,
1.1296

■ 204.0070, -4.4405,
-69.2891

■ 249.7170, 2.6045,
4.6332

■ 195.5770, -5.7075,
-82.9440

■ 186.9620, -6.3903,
-97.3137

■ 178.2330, -7.5099,
-111.5833

■ 169.9170, -8.3401,
-125.3382

■ 161.1880, -9.4597,
-139.6079

■ 160.4760, -9.6017,
-140.7375

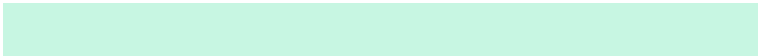
Harmonies

Analogous

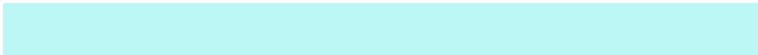
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.6490, -11.1660, -11.9702



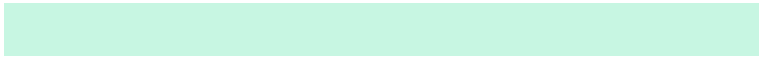
229.6670, -1.8078, -26.8950



229.1310, 7.8234, -36.0719

Triad

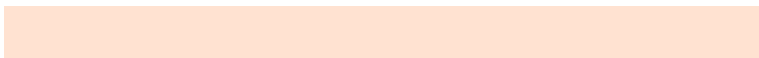
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.6670, -1.8078, -26.8950



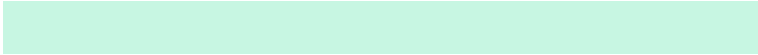
234.6000, 10.0572, -5.7882



232.7330, -11.7004, 19.5282

Complementary

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



229.6670, -1.8078, -26.8950



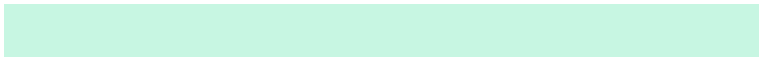
215.3330, 1.8078, 26.8950

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.



232.9100, -3.4066, 19.3729



229.6670, -1.8078, -26.8950



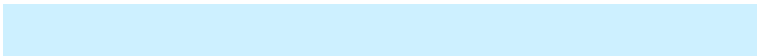
237.9550, 8.4032, 11.4405

Square

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



229.6670, -1.8078, -26.8950



231.2450, 11.7112, -23.0169



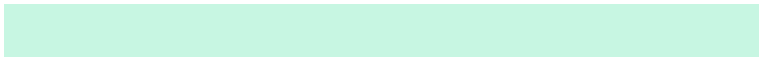
235.6630, 4.6031, 16.9585



234.6420, -17.0785, 17.8540

Rectangle

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



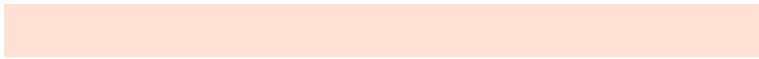
229.6670, -1.8078, -26.8950



228.7980, 12.9176, -36.6568



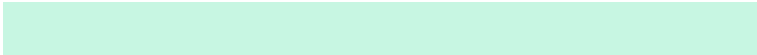
235.6630, 4.6031, 16.9585



232.7160, -9.2270, 19.5431

Sweetspot

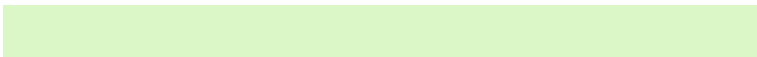
The Sweet Spot groups the original color and five complimentary colors.



229.6670, -1.8078, -26.8950



249.7170, -0.8465, -8.5218



232.5690, -16.5495, -11.9000



124.8530, -0.4205, -5.1331



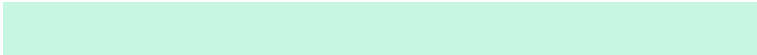
0.0000, 0.0000, 0.0000



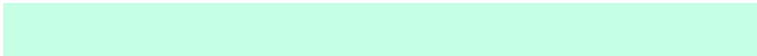
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.6670, -1.8078, -26.8950



234.5090, -2.2229, -33.7724



230.1860, 7.7963, -27.3501



117.8420, -0.4151, -6.8774



121.3800, -7.0893, -106.4503



38.5090, -2.2229, -33.7724

Inverse Universe

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



215.3330, 1.8078, 26.8950



216.4910, 2.2229, 33.7724



214.8140, -7.7963, 27.3501



114.1580, 0.4151, 6.8774



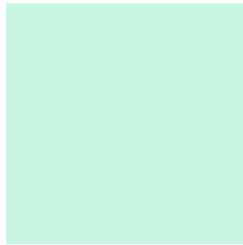
64.6200, 7.0893, 106.4503



20.4910, 2.2229, 33.7724

Previews

White Background



This preview shows how the YUV color 229.6670, -1.8078, -26.8950 looks on a white background.

Color Contrast Check

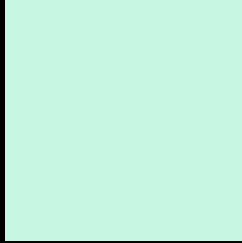
Large Text (above 18pt) WCAG AA × Fail

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 229.6670, -1.8078, -26.8950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

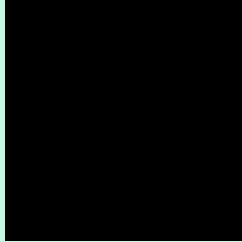
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

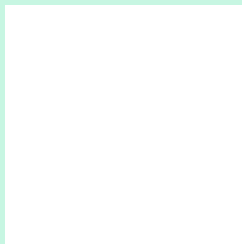
Any Text WCAG AAA ✓ Pass

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

YUV 229.6670, -1.8078, -26.8950 Background



This preview shows how black text looks on a background with the YUV color 229.6670, -1.8078, -26.8950.



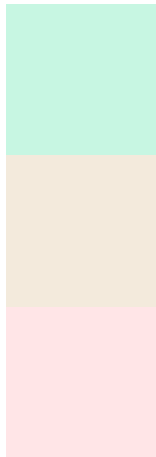
This preview shows how white text looks on a background with the YUV color 229.6670, -1.8078,

-26.8950.

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

229.6670, -1.8078, -26.8950

Protanopia

235.0950, -7.4418, 6.9327

Deuteranopia

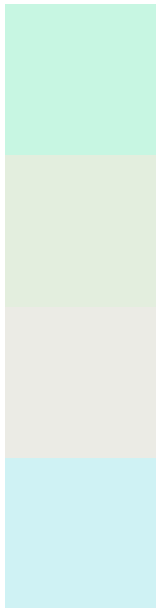
237.0020, -2.9590, 15.7842



Tritanopia

233.3380, 10.6794, -18.7134

Trichromacy



Original Color

229.6670, -1.8078, -26.8950

Protanomaly

232.8870, -5.3673, -5.1629

Deuteranomaly

234.3160, -2.6208, 0.5999

Tritanomaly

231.7630, 6.0328, -21.7172

Monochromacy



Original Color

229.6670, -1.8078, -26.8950

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

230.1190, -0.5517, -9.7514

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.6670, -1.8078, -26.8950 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, 246, 226)` looks like.

```
.text, #text, p{  
    color:rgb(199, 246, 226)  
}
```

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, 246, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 246, 226) }
```

Border

The CSS property to change the border of an element to YUV 229.6670, -1.8078, -26.8950 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, 246, 226) }
```


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

```
.border{ border-color:rgb(199, 246, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 246, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 246, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 246, 226); box-shadow:4px 4px 4px 4px rgb(199, 246, 226) }
```

Background

The CSS property to change the background color of an element to YUV 229.6670, -1.8078, -26.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 246, 226) }
```

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

```
.background{ background-color: rgb(199,  
246, 226) }
```

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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