

Converting Colors

YUV(229.7640, 1.1023,
-26.9800)

Have a look what the booklet for
YUV(229.7640, 1.1023, -26.9800)
contains.

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Color

**YUV(229.7640, 1.1023,
-26.9800)**

Conversions

Conversions Part 1

Format	Color
Hex	C7F5E8
RGB	199, 245, 232
RGB Percent	78%, 96%, 91%
CMY	0.2196, 0.0392, 0.0902
CMYK	0.19, 0.00, 0.05, 0.04
HSL	163°, 70%, 87%
HSV	163°, 19%, 96%
XYZ	70.7711, 83.2731, 88.6872
YIQ	229.7640, -23.2430, -13.7950

Conversions

Conversions Part 2

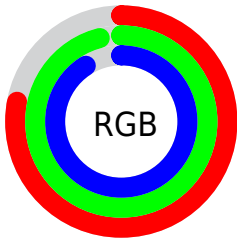
Format	Color
RYB	199, 226, 245
Decimal	13104616
CIELab	93.13, -17.22, 1.38
CIElCh	93, 17.275, 175.412
Yxy	83.2731, 0.2916, 0.3431
Android (android.graphics.Color)	4291294696 (0xFFC7F5E8)
YUV	229.7640, 1.1023, -26.9800
Hunter-Lab	91.2541, -21.2611, 6.2556

Details

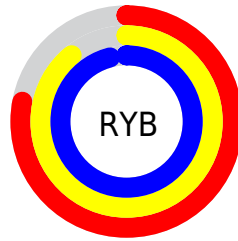
The YUV color $229.7640, 1.1023, -26.9800$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $214.2360, -1.1023, 26.9800$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $174.0630, 0.9549, -26.3653$ is the 20% darker color. If you saturate the color by 10%, you get $221.7900, 1.5825, -41.0348$, and if you desaturate by 10%, it is $238.0370, 0.4748, -12.3104$.

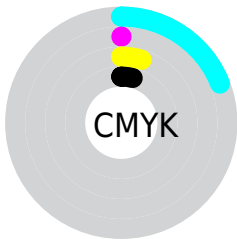
Distribution



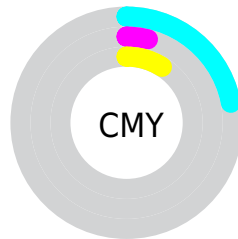
- Red (78%)
- Green (96%)
- Blue (91%)



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



- Cyan (19%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (22%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.7640, 1.1023, -26.9800 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 229.7640, 1.1023, -26.9800 by changing the saturation by 10% instead.

■ 229.7640, 1.1023,
-26.9800

■ 229.7640, 1.1023,
-26.9800

255.0000, 0.0000,
0.0000

■ 201.1770, 1.3917,
-26.4652

■ 174.0630, 0.9549,
-26.3653

■ 147.4760, 1.2443,
-25.8505

■ 121.1880, 1.3863,
-24.7209

■ 96.1880, 1.3863,
-24.7209

■ 71.6010, 1.6757,
-24.2061

■ 48.4160, 2.2599,

-24.9208

■ 27.1280, 2.4019,
-23.7913

■ 11.9510, -2.4408,
-10.4810

■ 229.7640, 1.1023,
-26.9800

■ 229.7640, 1.1023,
-26.9800

■ 221.7900, 1.5825,
-41.0348

■ 238.0370, 0.4748,
-12.3104

■ 213.5170, 2.2101,
-55.7044

■ 246.0110, -0.0054,
1.7444

■ 205.2440, 2.8377,
-70.3740

■ 248.9020, 2.0203,
5.3479

■ 197.2700, 3.3179,
-84.4288

■ 249.1300, 2.8939,
5.1480

■ 189.2960, 3.7981,
-98.4836

■ 181.0230, 4.4257,
-113.1532

■ 173.1630, 5.3426,
-127.3080

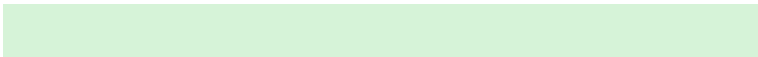
■ 164.8900, 5.9702,
-141.9775

■ 163.8790, 5.9757,
-143.7219

Harmonies

Analogous

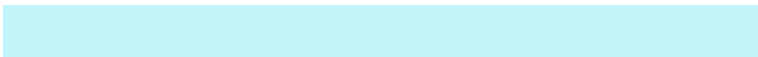
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.2510, -7.5187, -15.1291



229.7640, 1.1023, -26.9800



229.9080, 9.4124, -32.3683

Triad

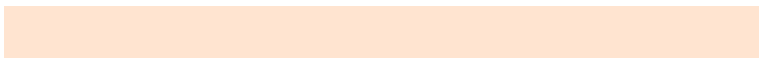
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.7640, 1.1023, -26.9800



235.5190, 9.6041, -0.4552



233.7930, -12.7159, 18.5985

Complementary

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



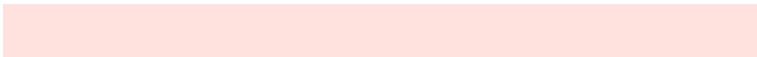
229.7640, 1.1023, -26.9800



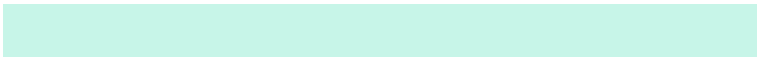
214.2360, -1.1023, 26.9800

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.



233.6280, -5.7326, 18.7432



229.7640, 1.1023, -26.9800



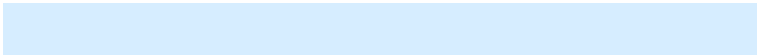
238.4500, 7.6662, 14.5144

Square

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



229.7640, 1.1023, -26.9800



232.1750, 11.2527, -15.9395



234.8650, 1.5456, 17.6584



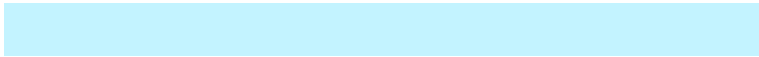
234.8480, -16.1941, 14.1653

Rectangle

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



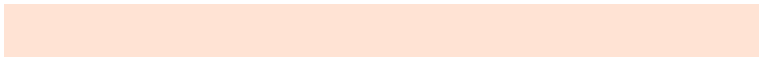
229.7640, 1.1023, -26.9800



230.0160, 12.3171, -30.7090



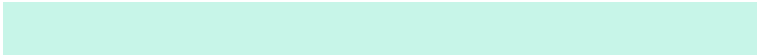
234.8650, 1.5456, 17.6584



233.6620, -10.6794, 18.7134

Sweetspot

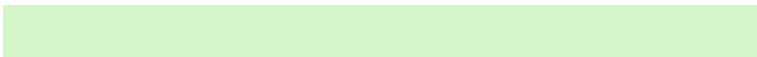
The Sweet Spot groups the original color and five complimentary colors.



229.7640, 1.1023, -26.9800



250.0590, 0.4639, -8.8217



229.8890, -15.2283, -15.6887



124.9670, 0.0163, -5.2331



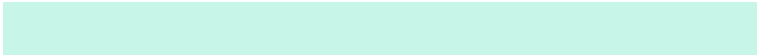
0.0000, 0.0000, 0.0000



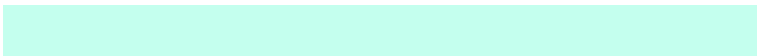
128.0000, 0.0000, 0.0000

Same Dimension

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



229.7640, 1.1023, -26.9800



235.4210, 1.2714, -34.5722



225.3760, 9.6746, -23.1318



118.0700, 0.4585, -7.0774



124.4580, 4.7042, -109.1497



39.4210, 1.2714, -34.5722

Inverse Universe

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



214.2360, -1.1023, 26.9800



215.5790, -1.2714, 34.5722



218.6240, -9.6746, 23.1318



114.0440, -0.0217, 6.9774



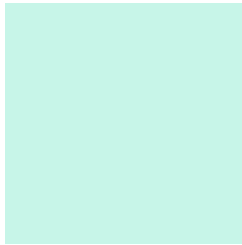
61.6560, -4.2674, 109.0497



19.5790, -1.2714, 34.5722

Previews

White Background



This preview shows how the YUV color 229.7640, 1.1023, -26.9800 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 229.7640, 1.1023, -26.9800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

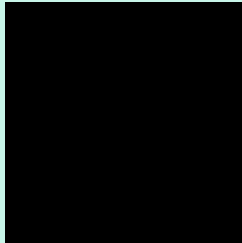
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

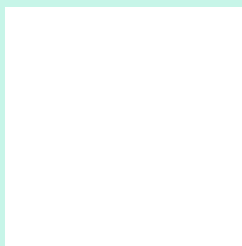
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 229.7640, 1.1023, -26.9800

Background



This preview shows how black text looks on a background with the YUV color 229.7640, 1.1023, -26.9800.



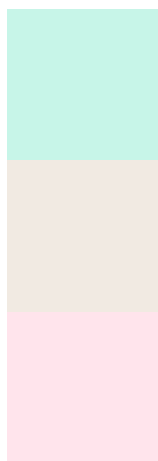
This preview shows how white text looks on a background with the YUV color 229.7640, 1.1023, -26.9800.

-26.9800.

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

229.7640, 1.1023, -26.9800

Protanopia

235.1810, -4.5262, 5.1033

Deuteranopia

236.9850, -0.4856, 15.7992



Tritanopia

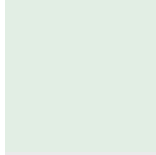
233.0390, 10.8268, -19.3282

Trichromacy



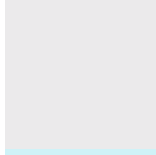
Original Color

229.7640, 1.1023, -26.9800



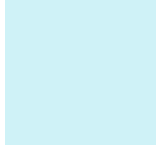
Protanomaly

233.2720, -2.5991, -6.3775



Deuteranomaly

234.4130, 0.2894, 0.5148



Tritanomaly

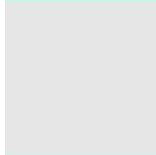
232.1050, 7.3432, -22.0171

Monochromacy



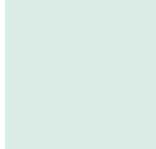
Original Color

229.7640, 1.1023, -26.9800



Achromatopsia

230.0000, 0.0000, 0.0000



Achromatomaly

229.7600, 0.6113, -9.4365

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.7640, 1.1023, -26.9800 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, 245, 232)` looks like.

```
.text, #text, p{  
    color:rgb(199, 245, 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(199, 245, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 245, 232) }
```

Border

The CSS property to change the border of an element to YUV 229.7640, 1.1023, -26.9800 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, 245, 232) }
```


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

```
.border{ border-color:rgb(199, 245, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 245, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 245, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 245, 232);  
box-shadow:4px 4px 4px 4px rgb(199, 245,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 229.7640, 1.1023, -26.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 245, 232) }
```

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

```
.background{ background-color: rgb(199,  
245, 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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