

Converting Colors

YUV(233.4800, 5.1864,
-30.2390)

Have a look what the booklet for
YUV(233.4800, 5.1864, -30.2390)
contains.

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Color

**YUV(233.4800, 5.1864,
-30.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	C7F9F4
RGB	199, 249, 244
RGB Percent	78%, 98%, 96%
CMY	0.2196, 0.0235, 0.0431
CMYK	0.20, 0.00, 0.02, 0.02
HSL	174°, 81%, 88%
HSV	174°, 20%, 98%
XYZ	73.7580, 86.4251, 98.3822
YIQ	233.4800, -28.1950, -12.1550

Conversions

Conversions Part 2

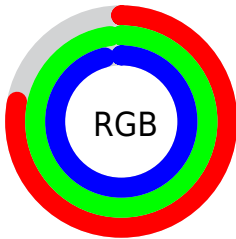
Format	Color
R _Y B	199, 225, 249
Decimal	13105652
CIE Lab	94.49, -16.79, -2.85
CIE LCh	94, 17.033, 189.617
Yxy	86.4251, 0.2853, 0.3342
Android (android.graphics.Color)	4291295732 (0xFFC7F9F4)
YUV	233.4800, 5.1864, -30.2390
Hunter-Lab	92.9651, -21.0681, 2.3307

Details

The YUV color $233.4800, 5.1864, -30.2390$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $214.5200, -5.1864, 30.2390$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.1920, 5.3283, -29.1094$ is the 20% darker color. If you saturate the color by 10%, you get $225.7770, 7.9979, -45.4084$, and if you desaturate by 10%, it is $241.1830, 2.3748, -15.0695$.

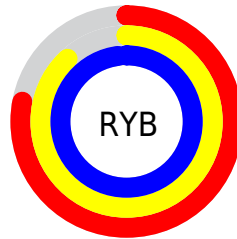
Distribution



Red (78%)

Green (98%)

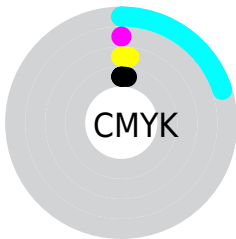
Blue (96%)



Red (78%)

Yellow (88%)

Blue (98%)

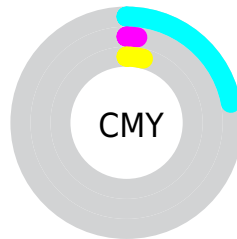


Cyan (20%)

Magenta (0%)

Yellow (2%)

Black (2%)



Cyan (22%)

Magenta (2%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.4800, 5.1864, -30.2390 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 233.4800, 5.1864, -30.2390 by changing the saturation by 10% instead.

233.4800, 5.1864,
-30.2390

233.4800, 5.1864,
-30.2390

255.0000, 0.0000,
0.0000

204.8930, 5.4758,
-29.7242

177.1920, 5.3283,
-29.1094

150.4910, 5.1809,
-28.4946

124.4910, 5.1809,
-28.4946

98.7900, 5.0335,
-27.8798

74.4910, 5.1809,
-28.4946

50.0070, 5.9125,

-29.8241

■ 29.8010, 5.0281,
-26.1355

■ 16.3680, 1.7906,
-14.3547

■ 233.4800, 5.1864,
-30.2390

■ 233.4800, 5.1864,
-30.2390

■ 225.7770, 7.9979,
-45.4084

■ 241.1830, 2.3748,
-15.0695

■ 217.9600, 10.3727,
-60.4779

■ 249.0000, 0.0000,
0.0000

■ 210.2570, 13.1843,
-75.6474

■ 251.0220, -0.0108,
3.4887

■ 202.4400, 15.5591,
-90.7169

■ 251.3640, 1.2995,
3.1888

■ 195.0360, 18.2233,
-105.2716

■ 251.4780, 1.7363,
3.0888

■ 187.2190, 20.5980,
-120.3411

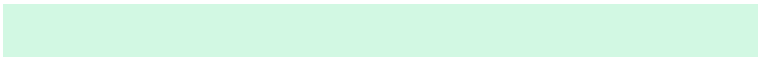
■ 179.5160, 23.4096,
-135.5105

■ 171.6990, 25.7844,
-150.5800

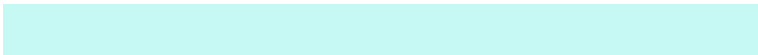
Harmonies

Analogous

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



234.2440, -3.5713, -21.2620



233.4800, 5.1864, -30.2390



233.8480, 10.4279, -31.4387

Triad

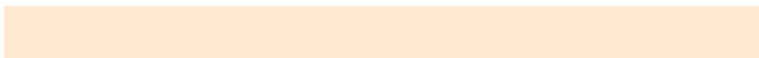
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.4800, 5.1864, -30.2390



240.2920, 7.2510, 7.6369



237.4290, -14.0155, 15.4098

Complementary

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



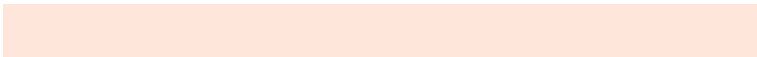
233.4800, 5.1864, -30.2390



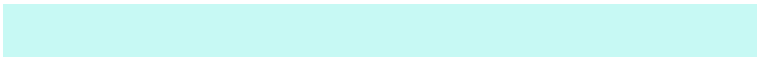
214.5200, -5.1864, 30.2390

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.



236.2210, -8.4900, 16.4692



233.4800, 5.1864, -30.2390



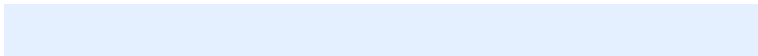
239.2820, 5.7770, 13.7847

Square

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



233.4800, 5.1864, -30.2390



237.5350, 8.6102, -8.3622



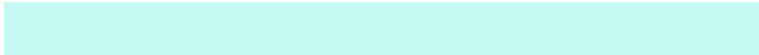
236.7570, -1.3592, 15.9991



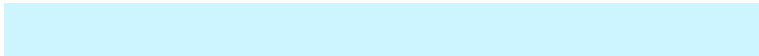
238.3310, -15.4462, 7.6027

Rectangle

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



233.4800, 5.1864, -30.2390



233.8810, 10.4117, -26.2056



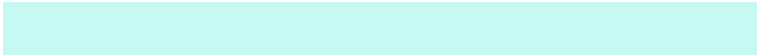
236.7570, -1.3592, 15.9991



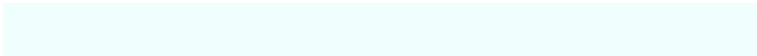
237.0700, -12.8525, 15.7246

Sweetspot

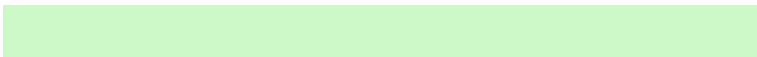
The Sweet Spot groups the original color and five complimentary colors.



233.4800, 5.1864, -30.2390



250.2870, 1.3375, -9.0217



229.8450, -15.2066, -22.6661



125.1950, 0.8899, -5.4330



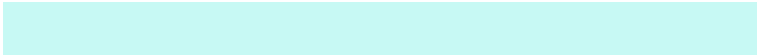
0.0000, 0.0000, 0.0000



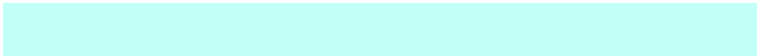
128.0000, 0.0000, 0.0000

Same Dimension

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



233.4800, 5.1864, -30.2390



236.0770, 6.3710, -36.9015



222.3100, 13.1582, -20.4429



120.9990, 1.4795, -7.8921



130.3230, 19.5608, -114.2933



42.0770, 6.3710, -36.9015

Inverse Universe

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



214.5200, -5.1864, 30.2390



212.9230, -6.3710, 36.9015



225.6900, -13.1582, 20.4429



116.1150, -1.0427, 7.7921



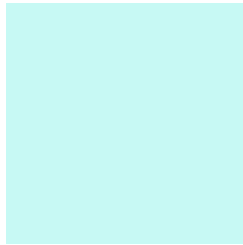
58.6770, -19.5608, 114.2933



18.9230, -6.3710, 36.9015

Previews

White Background



This preview shows how the YUV color 233.4800, 5.1864, -30.2390 looks on a white background.

Color Contrast Check

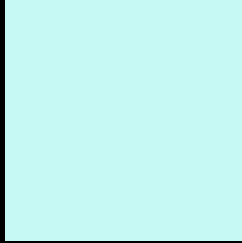
Large Text (above 18pt) WCAG AA × Fail

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 233.4800, 5.1864, -30.2390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

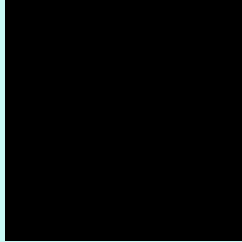
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

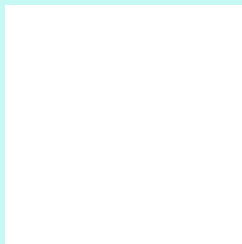
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.4800, 5.1864, -30.2390

Background



This preview shows how black text looks on a background with the YUV color 233.4800, 5.1864, -30.2390.



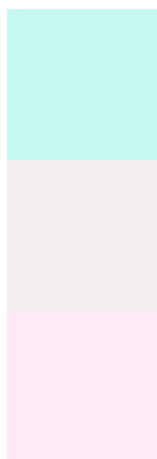
This preview shows how white text looks on a background with the YUV color 233.4800, 5.1864, -30.2390.

-30.2390.

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

233.4800, 5.1864, -30.2390

Protanopia

238.7940, -0.8844, 3.6887

Deuteranopia

240.4730, 2.7248, 12.7402



Tritanopia

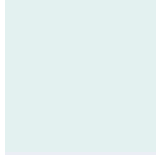
236.8930, 8.9268, -16.5692

Trichromacy



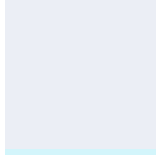
Original Color

233.4800, 5.1864, -30.2390



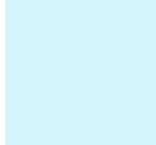
Protanomaly

236.7000, 1.6269, -8.5069



Deuteranomaly

237.9010, 3.4998, -2.5442



Tritanomaly

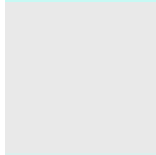
235.5180, 7.6326, -21.5023

Monochromacy



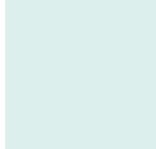
Original Color

233.4800, 5.1864, -30.2390



Achromatopsia

233.0000, 0.0000, 0.0000



Achromatomaly

233.3900, 1.7797, -10.8660

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.4800, 5.1864, -30.2390 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, 249, 244)` looks like.

```
.text, #text, p{  
    color:rgb(199, 249, 244)  
}
```

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, 249, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 249, 244) }
```

Border

The CSS property to change the border of an element to YUV 233.4800, 5.1864, -30.2390 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, 249, 244) }
```


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

```
.border{ border-color:rgb(199, 249, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 249, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 249, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 249, 244);  
box-shadow:4px 4px 4px 4px rgb(199, 249,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 233.4800, 5.1864, -30.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 249, 244) }
```

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

```
.background{ background-color: rgb(199,  
249, 244) }
```

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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