

# Converting Colors

YUV(232.9780, -6.8912,  
-29.7987)

Have a look what the booklet for  
YUV(232.9780, -6.8912, -29.7987)  
contains.

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# Color

**YUV(232.9780, -6.8912,  
-29.7987)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7FDDB
RGB	199, 253, 219
RGB Percent	78%, 99%, 86%
CMY	0.2196, 0.0078, 0.1412
CMYK	0.21, 0.00, 0.13, 0.01
HSL	142°, 93%, 89%
HSV	142°, 21%, 99%
XYZ	71.4647, 87.5071, 80.1418
YIQ	232.9780, -21.2700, -22.0220

# Conversions

## Conversions Part 2

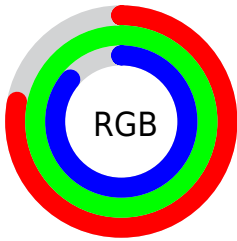
Format	Color
R <sub>YB</sub>	199, 238, 253
Decimal	13106651
CIE Lab	94.95, -23.58, 10.72
CIE LCh	95, 25.907, 155.555
Yxy	87.5071, 0.2989, 0.3660
Android (android.graphics.Color)	4291296731 (0xFFC7FDDB)
YUV	232.9780, -6.8912, -29.7987
Hunter-Lab	93.5453, -27.3377, 14.6869

# Details

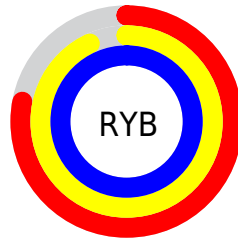
The YUV color **232.9780, -6.8912, -29.7987** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **219.0220, 6.8912, 29.7987**, and the grayscale version is **233.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **176.8040, -6.3124, -28.7691** is the 20% darker color. If you saturate the color by 10%, you get **223.6790, -10.1947, -43.5685**, and if you desaturate by 10%, it is **242.2770, -3.5876, -16.0289**.

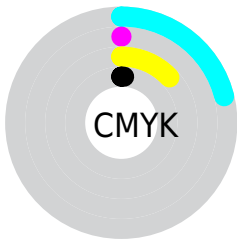
# Distribution



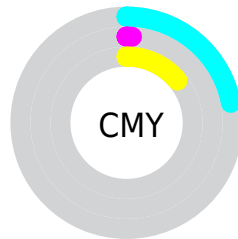
- Red (78%)
- Green (99%)
- Blue (86%)



- Red (78%)
- Yellow (93%)
- Blue (99%)



- Cyan (21%)
- Magenta (0%)
- Yellow (13%)
- Black (1%)



- Cyan (22%)
- Magenta (1%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 232.9780, -6.8912, -29.7987 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 232.9780, -6.8912, -29.7987 by changing the saturation by 10% instead.



 232.9780, -6.8912,  
-29.7987

 232.9780, -6.8912,  
-29.7987


255.0000, 0.0000,  
0.0000


 204.3910, -6.6018,  
-29.2839

 176.8040, -6.3124,  
-28.7691

 150.2170, -6.0230,  
-28.2543

 123.6300, -5.7336,  
-27.7395

 98.1570, -5.0074,  
-27.3247

 74.1570, -5.0074,  
-27.3247

 50.0860, -3.9864,

-28.1394

■ 28.9230, -3.4130,  
-25.3655

■ 15.2620, -7.5242,  
-13.3848

■ 232.9780, -6.8912,  
-29.7987

■ 232.9780, -6.8912,  
-29.7987

■ 223.6790,  
-10.1947, -43.5685

■ 242.2770, -3.5876,  
-16.0289

■ 214.0810,  
-13.3509, -57.9530

■ 251.8750, -0.4314,  
-1.6444

■ 204.7820,  
-16.6545, -71.7228

■ 253.8260, 0.5788,  
1.0296

■ 195.4830,  
-19.9581, -85.4926

■ 186.1840,  
-23.2617, -99.2624

■ 176.5860,  
-26.4179, -113.6469

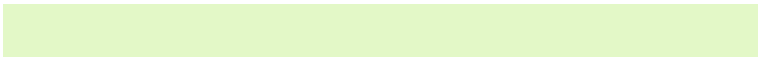
■ 167.2870,  
-29.7215, -127.4167

■ 159.2270,  
-32.1569, -139.6421

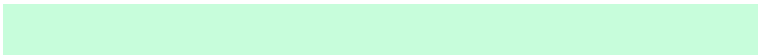
# Harmonies

## Analogous

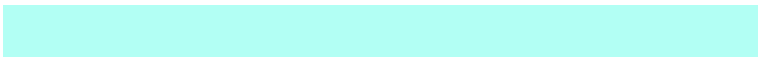
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.1350, -18.3076, -8.0114



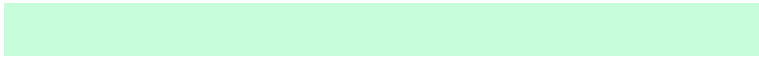
232.9780, -6.8912, -29.7987



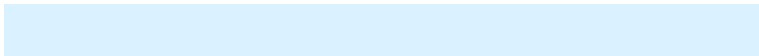
230.7230, 6.5456, -46.2381

# Triad

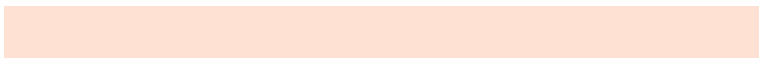
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.9780, -6.8912, -29.7987



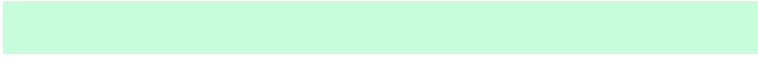
235.7190, 9.5055, -15.5396



232.4880, -10.1006, 19.7430

# Complementary

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



232.9780, -6.8912, -29.7987



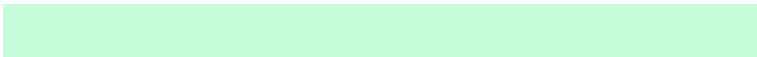
219.0220, 6.8912, 29.7987

# 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.



234.1640, 1.3981, 18.2732



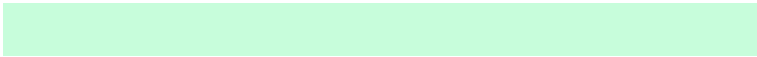
232.9780, -6.8912, -29.7987



240.8900, 6.9562, 8.8665

# Square

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



232.9780, -6.8912, -29.7987



231.1460, 11.7600, -38.7160



237.9770, 8.3923, 14.9292

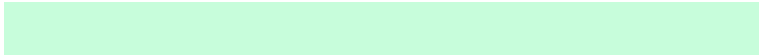


234.7730, -19.1151, 17.7391



# Rectangle

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



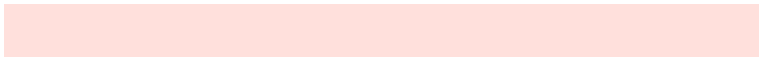
232.9780, -6.8912, -29.7987



229.5960, 12.5242, -50.5117



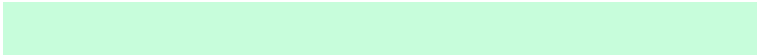
237.9770, 8.3923, 14.9292



232.8130, -6.3168, 19.4580

# Sweetspot

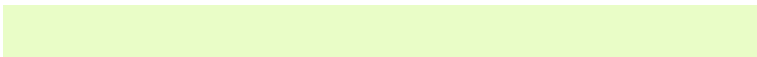
The Sweet Spot groups the original color and five complimentary colors.



232.9780, -6.8912, -29.7987



249.3750, -2.1569, -8.2219



240.8640, -20.6390, -6.8967



124.6250, -1.2941, -4.9331



0.0000, 0.0000, 0.0000

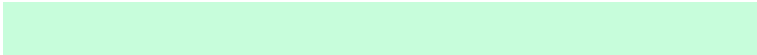


128.0000, 0.0000, 0.0000

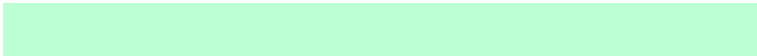


# Same Dimension

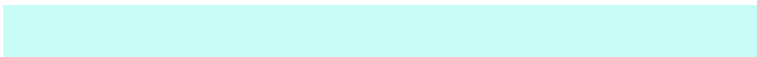
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.9780, -6.8912, -29.7987



230.4780, -8.6167, -36.3762



236.0560, 4.9024, -32.4981



123.0870, -2.0149, -7.0923



120.2110, -24.2610, -105.4250



40.3040, -8.0379, -35.3466



# Inverse Universe

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



219.0220, 6.8912, 29.7987



213.4080, 8.1799, 36.4762



215.9440, -4.9024, 32.4981



119.7990, 1.5781, 7.1923



70.7890, 24.2610, 105.4250

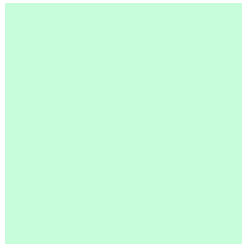


23.6960, 8.0379, 35.3466



# Previews

## White Background



This preview shows how the YUV color 232.9780, -6.8912, -29.7987 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

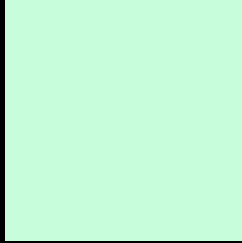
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 232.9780, -6.8912, -29.7987 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

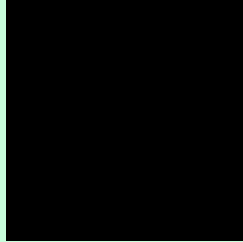
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 232.9780, -6.8912, -29.7987

## Background



This preview shows how black text looks on a background with the YUV color 232.9780, -6.8912, -29.7987.



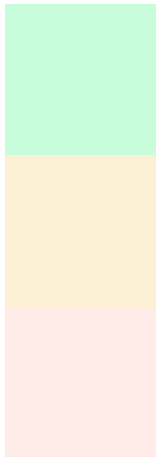
This preview shows how white text looks on a background with the YUV color 232.9780, -6.8912, -29.7987.

-29.7987.

# 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

232.9780, -6.8912, -29.7987

### Protanopia

239.5100, -13.5624, 10.0767

### Deuteranopia

241.2250, -4.5479, 12.0807



## **Tritanopia**

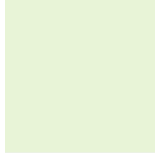
238.6760, 8.0477, -14.6249

# Trichromacy



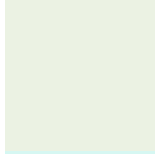
## Original Color

232.9780, -6.8912, -29.7987



## Protanomaly

237.1060, -10.8983, -4.4780



## Deuteranomaly

238.1970, -5.5201, -2.8038



## Tritanomaly

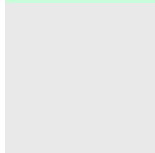
236.5630, 2.6804, -19.7878

# Monochromacy



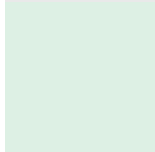
## Original Color

232.9780, -6.8912, -29.7987



## Achromatopsia

233.0000, 0.0000, 0.0000



## Achromatomaly

232.9510, -2.4408, -10.4810

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 232.9780, -6.8912, -29.7987 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, 253, 219)` looks like.

```
.text, #text, p{  
    color:rgb(199, 253, 219)  
}
```

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, 253, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 253, 219) }
```

## Border

The CSS property to change the border of an element to YUV 232.9780, -6.8912, -29.7987 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, 253, 219) }
```



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

```
.border{ border-color:rgb(199, 253, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 253, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 253, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 253, 219);  
box-shadow:4px 4px 4px 4px rgb(199, 253,  
219) }
```

# Background

The CSS property to change the background color of an element to YUV 232.9780, -6.8912, -29.7987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 253, 219) }
```

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

```
.background{ background-color: rgb(199,  
253, 219) }
```

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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