

Converting Colors

YUV(231.9780, -6.8912,
-29.7987)

Have a look what the booklet for
YUV(231.9780, -6.8912, -29.7987)
contains.

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Color

**YUV(231.9780, -6.8912,
-29.7987)**

Conversions

Conversions Part 1

Format	Color
Hex	C6FCDA
RGB	198, 252, 218
RGB Percent	78%, 99%, 85%
CMY	0.2235, 0.0118, 0.1451
CMYK	0.21, 0.00, 0.13, 0.01
HSL	142°, 90%, 88%
HSV	142°, 21%, 99%
XYZ	70.7540, 86.6885, 79.3331
YIQ	231.9780, -21.2700, -22.0220

Conversions

Conversions Part 2

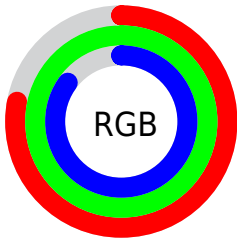
Format	Color
RYB	198, 237, 252
Decimal	13040858
CIELab	94.61, -23.60, 10.73
CIElCh	95, 25.927, 155.547
Yxy	86.6885, 0.2988, 0.3661
Android (android.graphics.Color)	4291230938 (0xFFC6FCDA)
YUV	231.9780, -6.8912, -29.7987
Hunter-Lab	93.1067, -27.2903, 14.6556

Details

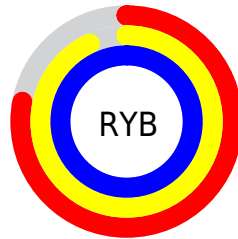
The YUV color $231.9780, -6.8912, -29.7987$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $218.0220, 6.8912, 29.7987$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.8040, -6.3124, -28.7691$ is the 20% darker color. If you saturate the color by 10%, you get $222.6790, -10.1947, -43.5685$, and if you desaturate by 10%, it is $241.2770, -3.5876, -16.0289$.

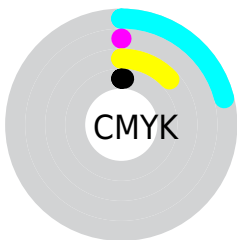
Distribution



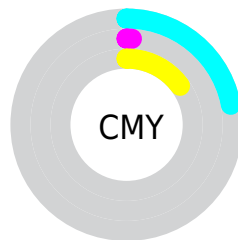
- Red (78%)
- Green (99%)
- Blue (85%)



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



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



- Cyan (22%)
- Magenta (1%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.9780, -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 231.9780, -6.8912, -29.7987 by changing the saturation by 10% instead.

■ 231.9780, -6.8912,
-29.7987

■ 231.9780, -6.8912,
-29.7987

255.0000, 0.0000,
0.0000

■ 203.3910, -6.6018,
-29.2839

■ 175.8040, -6.3124,
-28.7691

■ 149.2170, -6.0230,
-28.2543

■ 122.6300, -5.7336,
-27.7395

■ 98.0430, -5.4442,
-27.2247

■ 73.2710, -4.5706,
-27.4247

■ 49.2000, -3.5496,

-28.2394

■ 28.2220, -3.5604,
-24.7507

■ 14.6750, -7.2348,
-12.8700

■ 231.9780, -6.8912,
-29.7987

■ 231.9780, -6.8912,
-29.7987

■ 222.6790,
-10.1947, -43.5685

■ 241.2770, -3.5876,
-16.0289

■ 213.3800,
-13.4983, -57.3383

■ 250.5760, -0.2840,
-2.2592

■ 203.7820,
-16.6545, -71.7228

■ 253.2390, 0.8682,
1.5444

■ 194.5970,
-19.5213, -85.5926

■ 185.2980,
-22.8249, -99.3623

■ 175.9990,
-26.1285, -113.1321

■ 166.7000,
-29.4321, -126.9019

■ 158.5260,
-32.3043, -139.0273

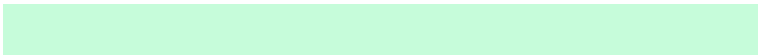
Harmonies

Analogous

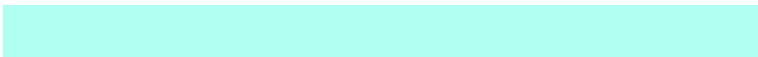
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.1350, -18.3076, -8.0114



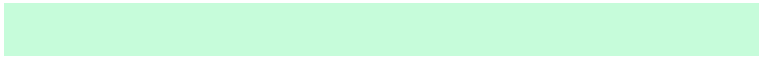
231.9780, -6.8912, -29.7987



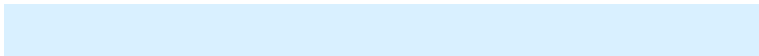
229.7230, 6.5456, -46.2381

Triad

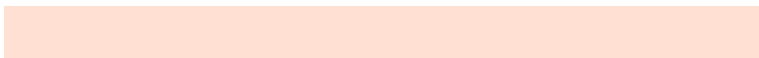
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.9780, -6.8912, -29.7987



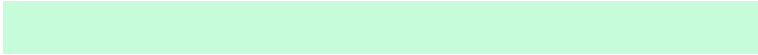
234.8330, 9.9423, -15.6395



231.7870, -10.2480, 20.3578

Complementary

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



231.9780, -6.8912, -29.7987



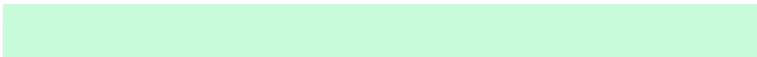
218.0220, 6.8912, 29.7987

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.



233.4630, 1.2507, 18.8879



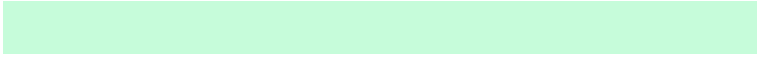
231.9780, -6.8912, -29.7987



240.0040, 7.3930, 8.7665

Square

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



231.9780, -6.8912, -29.7987



230.2600, 12.1968, -38.8160



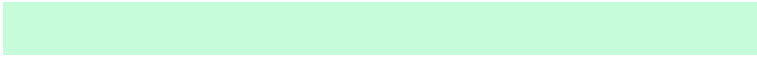
237.3900, 8.6817, 15.4440



234.0720, -19.2625, 18.3539

Rectangle

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



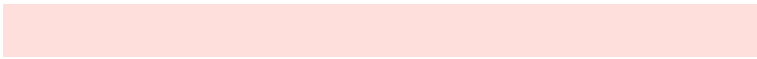
231.9780, -6.8912, -29.7987



228.7100, 12.9610, -50.6117



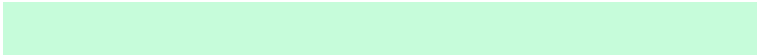
237.3900, 8.6817, 15.4440



232.1120, -6.4642, 20.0728

Sweetspot

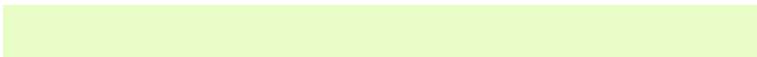
The Sweet Spot groups the original color and five complimentary colors.



231.9780, -6.8912, -29.7987



249.3750, -2.1569, -8.2219



239.8640, -20.6390, -6.8967



124.6250, -1.2941, -4.9331



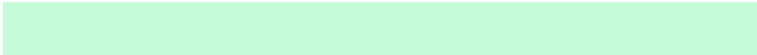
0.0000, 0.0000, 0.0000



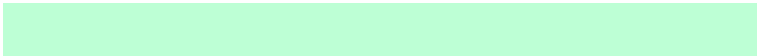
128.0000, 0.0000, 0.0000

Same Dimension

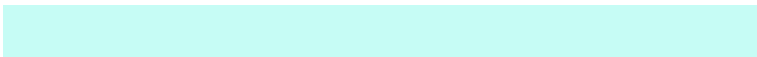
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.9780, -6.8912, -29.7987



230.4780, -8.6167, -36.3762



235.0560, 4.9024, -32.4981



120.2010, -1.5781, -7.1923



118.9230, -24.1190, -104.2955



38.4290, -7.6065, -33.7022

Inverse Universe

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



218.0220, 6.8912, 29.7987



213.4080, 8.1799, 36.4762



214.9440, -4.9024, 32.4981



116.7990, 1.5781, 7.1923



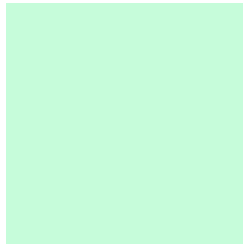
70.0770, 24.1190, 104.2955



22.6850, 8.0433, 33.6023

Previews

White Background



This preview shows how the YUV color 231.9780, -6.8912, -29.7987 looks on a white background.

Color Contrast Check

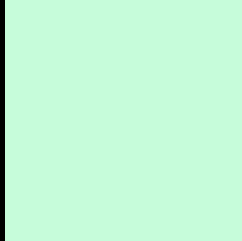
Large Text (above 18pt) WCAG AA × Fail

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 231.9780, -6.8912, -29.7987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

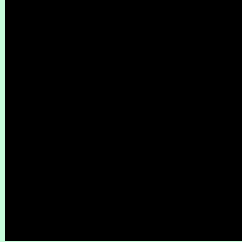
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

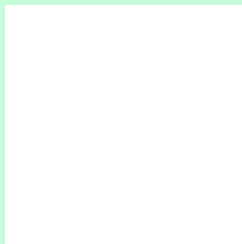
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 231.9780, -6.8912, -29.7987

Background



This preview shows how black text looks on a background with the YUV color 231.9780, -6.8912, -29.7987.



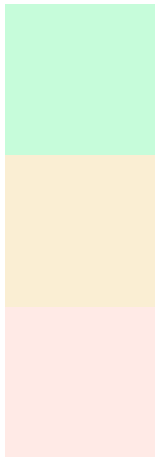
This preview shows how white text looks on a background with the YUV color 231.9780, -6.8912, -29.7987.

-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

231.9780, -6.8912, -29.7987

Protanopia

238.5100, -13.5624, 10.0767

Deuteranopia

239.8230, -4.8427, 13.3102



Tritanopia

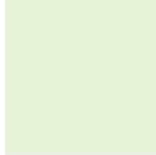
237.4910, 8.6319, -15.3396

Trichromacy



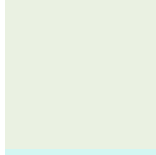
Original Color

231.9780, -6.8912, -29.7987



Protanomaly

236.1060, -10.8983, -4.4780



Deuteranomaly

237.1970, -5.5201, -2.8038



Tritanomaly

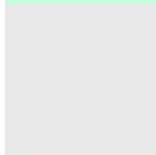
235.3780, 3.2646, -20.5025

Monochromacy



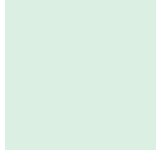
Original Color

231.9780, -6.8912, -29.7987



Achromatopsia

232.0000, 0.0000, 0.0000



Achromatomaly

231.9510, -2.4408, -10.4810

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.9780, -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(198, 252, 218)` looks like.

```
.text, #text, p{  
    color:rgb(198, 252, 218)  
}
```

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, 252, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 252, 218) }
```

Border

The CSS property to change the border of an element to YUV 231.9780, -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(198, 252, 218) }
```


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

```
.border{ border-color:rgb(198, 252, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 252, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 252, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 252, 218);  
box-shadow:4px 4px 4px 4px rgb(198, 252,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 231.9780, -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(198, 252, 218) }
```

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

```
.background{ background-color: rgb(198,  
252, 218) }
```

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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