

Converting Colors

YUV(228.3970, -9.0697,
-31.0432)

Have a look what the booklet for
YUV(228.3970, -9.0697, -31.0432)
contains.

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Color

**YUV(228.3970, -9.0697,
-31.0432)**

Conversions

Conversions Part 1

Format	Color
Hex	C1FAD2
RGB	193, 250, 210
RGB Percent	76%, 98%, 82%
CMY	0.2431, 0.0196, 0.1765
CMYK	0.23, 0.00, 0.16, 0.02
HSL	138°, 85%, 87%
HSV	138°, 23%, 98%
XYZ	67.8108, 84.3618, 73.6822
YIQ	228.3970, -21.1320, -24.5240

Conversions

Conversions Part 2

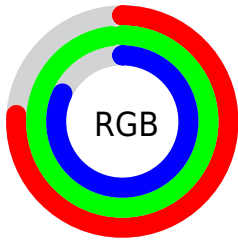
Format	Color
RYB	193, 237, 250
Decimal	12712658
CIELab	93.61, -25.67, 13.39
CIELCh	94, 28.952, 152.453
Yxy	84.3618, 0.3002, 0.3735
Android (android.graphics.Color)	4290902738 (0xFFC1FAD2)
YUV	228.3970, -9.0697, -31.0432
Hunter-Lab	91.8487, -28.9508, 16.7309

Details

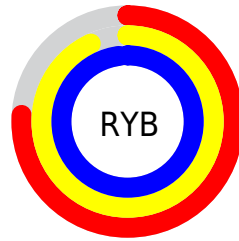
The YUV color **228.3970, -9.0697, -31.0432** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **214.6030, 9.0697, 31.0432**, and the grayscale version is **229.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **253.5050, 0.7370, -3.0739**, and **172.2230, -8.4909, -30.0136** is the 20% darker color. If you saturate the color by 10%, you get **218.8700, -13.2469, -44.6130**, and if you desaturate by 10%, it is **237.9240, -4.8925, -17.4733**.

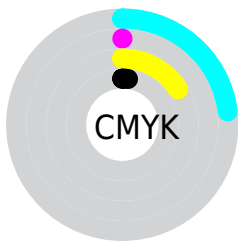
Distribution



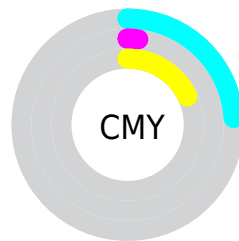
- Red (76%)
- Green (98%)
- Blue (82%)



- Red (76%)
- Yellow (93%)
- Blue (98%)



- Cyan (23%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (24%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.3970, -9.0697, -31.0432 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 228.3970, -9.0697, -31.0432 by changing the saturation by 10% instead.

 228.3970, -9.0697,
-31.0432

 228.3970, -9.0697,
-31.0432

255.0000, 0.0000,
0.0000


 199.8100, -8.7803,
-30.5284


 253.5050, 0.7370,
-3.0739

 172.2230, -8.4909,
-30.0136

 145.6360, -8.2015,
-29.4988

 119.4620, -7.6228,
-28.4692

 94.5760, -7.1860,
-28.5692

 69.8040, -6.3124,
-28.7691

 44.8360, -4.8491,

-31.4282

■ 26.8370, -6.3286,
-23.5360

■ 12.3270, -6.0772,
-10.8108

■ 228.3970, -9.0697,
-31.0432

■ 228.3970, -9.0697,
-31.0432

■ 218.8700,
-13.2469, -44.6130

■ 237.9240, -4.8925,
-17.4733

■ 209.4570,
-16.9873, -58.2828

■ 247.3370, -1.1521,
-3.8035

■ 199.9300,
-21.1645, -71.8526

■ 252.0650, 1.4470,
2.5740

■ 190.5170,
-24.9049, -85.5224

■ 180.9900,
-29.0821, -99.0922

■ 171.5770,
-32.8225, -112.7620

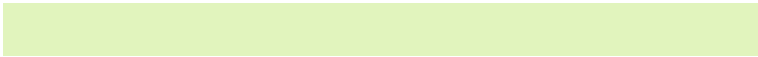
■ 162.0500,
-36.9997, -126.3319

■ 155.3000,
-39.5879, -136.1981

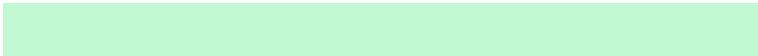
Harmonies

Analogous

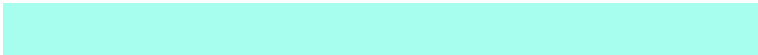
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.0490, -21.2232, -6.1820



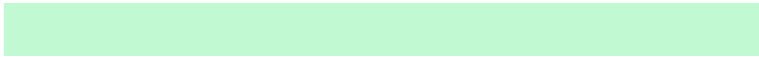
228.3970, -9.0697, -31.0432



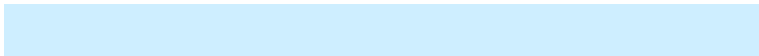
225.5760, 6.1250, -51.3712

Triad

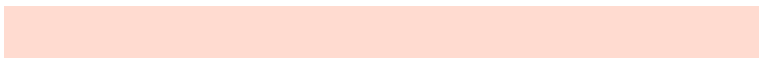
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.3970, -9.0697, -31.0432



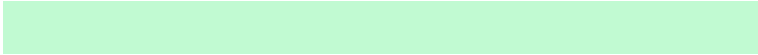
230.3700, 12.1426, -21.3725



228.5100, -10.1114, 23.2317

Complementary

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



228.3970, -9.0697, -31.0432



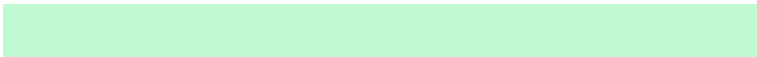
214.6030, 9.0697, 31.0432

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.



230.4140, 2.2609, 21.5619



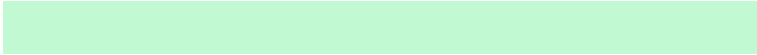
228.3970, -9.0697, -31.0432



236.4490, 9.1456, 6.6222

Square

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



228.3970, -9.0697, -31.0432



225.1990, 14.6919, -45.7785



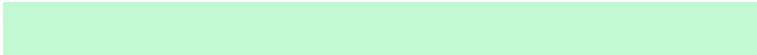
234.4550, 10.1287, 18.0180



230.3390, -20.8731, 21.6277

Rectangle

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



228.3970, -9.0697, -31.0432



224.2360, 15.1667, -58.0890



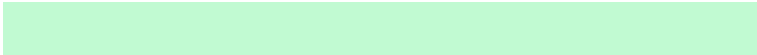
234.4550, 10.1287, 18.0180



228.9490, -5.8909, 22.8467

Sweetspot

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



228.3970, -9.0697, -31.0432



248.1360, -3.0250, -9.7663



238.7180, -22.5390, -4.1377



123.7990, -1.8729, -5.9627



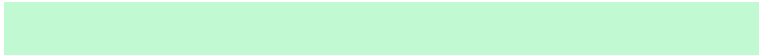
0.0000, 0.0000, 0.0000



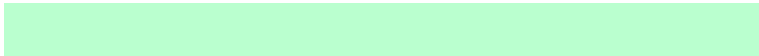
128.0000, 0.0000, 0.0000

Same Dimension

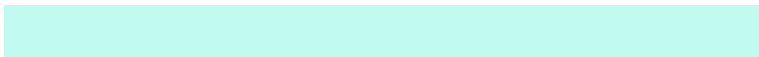
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.3970, -9.0697, -31.0432



228.8970, -10.7952, -37.6207



231.5890, 3.1606, -33.8426



120.0870, -2.0149, -7.0923



117.3270, -30.2342, -102.8958



37.8590, -9.7905, -33.2023

Inverse Universe

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



214.6030, 9.0697, 31.0432



212.1030, 10.7952, 37.6207



211.4110, -3.1606, 33.8426



116.9130, 2.0149, 7.0923



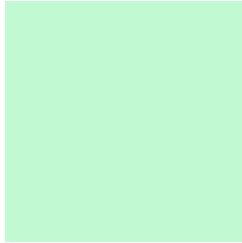
71.5590, 29.7974, 102.9958



23.1410, 9.7905, 33.2023

Previews

White Background



This preview shows how the YUV color 228.3970, -9.0697, -31.0432 looks on a white background.

Color Contrast Check

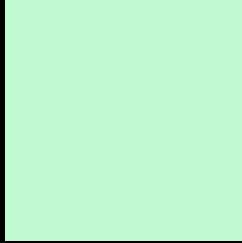
Large Text (above 18pt) WCAG AA × Fail

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 228.3970, -9.0697, -31.0432 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

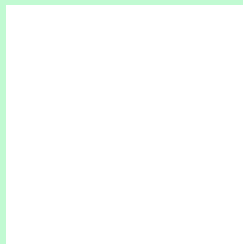
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.3970, -9.0697, -31.0432

Background



This preview shows how black text looks on a background with the YUV color 228.3970, -9.0697, -31.0432.



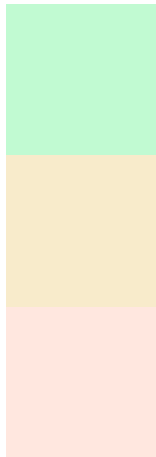
This preview shows how white text looks on a background with the YUV color 228.3970, -9.0697, -31.0432.

-31.0432.

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

228.3970, -9.0697, -31.0432

Protanopia

235.2390, -15.8938, 11.1914

Deuteranopia

237.2640, -7.0322, 15.5545



Tritanopia

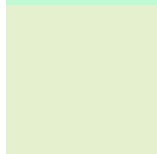
234.2240, 10.2426, -18.6134

Trichromacy



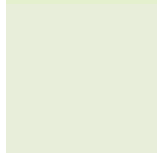
Original Color

228.3970, -9.0697, -31.0432



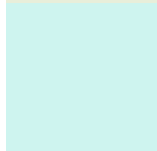
Protanomaly

232.5360, -13.0822, -3.9781



Deuteranomaly

233.9260, -7.8515, -1.6891



Tritanomaly

232.0680, 3.4175, -22.8616

Monochromacy



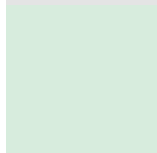
Original Color

228.3970, -9.0697, -31.0432



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

228.0110, -3.4564, -11.4106

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.3970, -9.0697, -31.0432 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(193, 250, 210)` looks like.

```
.text, #text, p{  
    color:rgb(193, 250, 210)  
}
```

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(193, 250, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 250, 210) }
```

Border

The CSS property to change the border of an element to YUV 228.3970, -9.0697, -31.0432 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(193, 250, 210) }
```


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

```
.border{ border-color:rgb(193, 250, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 250, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 250, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 250, 210);  
box-shadow:4px 4px 4px 4px rgb(193, 250,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 228.3970, -9.0697, -31.0432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 250, 210) }
```

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

```
.background{ background-color: rgb(193,  
250, 210) }
```

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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