

Converting Colors

YUV(227.9370, -14.7589,
-26.2547)

Have a look what the booklet for
YUV(227.9370, -14.7589, -26.2547)
contains.

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Color

**YUV(227.9370, -14.7589,
-26.2547)**

Conversions

Conversions Part 1

Format	Color
Hex	C6F9C6
RGB	198, 249, 198
RGB Percent	78%, 98%, 78%
CMY	0.2235, 0.0235, 0.2235
CMYK	0.20, 0.00, 0.20, 0.02
HSL	120°, 81%, 88%
HSV	120°, 20%, 98%
XYZ	67.3574, 83.8343, 66.0576
YIQ	227.9370, -14.0250, -26.6730

Conversions

Conversions Part 2

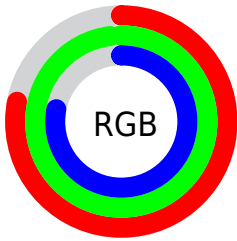
Format	Color
R _Y B	198, 249, 249
Decimal	13040070
CIE Lab	93.38, -25.68, 19.27
CIE LCh	93, 32.108, 143.112
Yxy	83.8343, 0.3100, 0.3859
Android (android.graphics.Color)	4291230150 (0xFFC6F9C6)
YUV	227.9370, -14.7589, -26.2547
Hunter-Lab	91.5611, -28.9174, 21.3174

Details

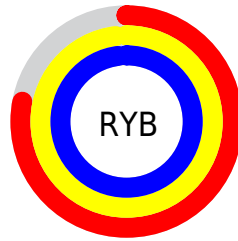
The YUV color $227.9370, -14.7589, -26.2547$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $219.0630, 14.7589, 26.2547$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.8770, -13.7434, -25.3251$ is the 20% darker color. If you saturate the color by 10%, you get $217.6120, -21.9937, -39.1247$, and if you desaturate by 10%, it is $238.2620, -7.5242, -13.3848$.

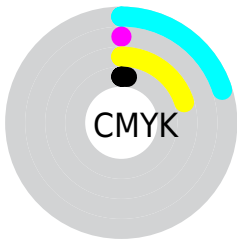
Distribution



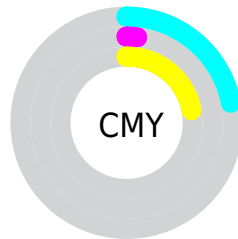
- Red (78%)
- Green (98%)
- Blue (78%)



- Red (78%)
- Yellow (98%)
- Blue (98%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (2%)



- Cyan (22%)
- Magenta (2%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.9370, -14.7589, -26.2547 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 227.9370, -14.7589, -26.2547 by changing the saturation by 10% instead.

■ 227.9370,
-14.7589, -26.2547

■ 227.9370,
-14.7589, -26.2547

255.0000, 0.0000,
0.0000

■ 199.4640,
-14.0328, -25.8399

■ 171.8770,
-13.7434, -25.3251

■ 145.2900,
-13.4540, -24.8103

■ 119.7030,
-13.1646, -24.2955

■ 94.3440, -12.0016,
-23.9807

■ 69.5720, -11.1280,
-24.1806

■ 45.5010, -10.1070,

-24.9954

■ 24.6540, -12.1544,
-21.6216

■ 11.7400, -5.7878,
-10.2960

■ 227.9370,
-14.7589, -26.2547

■ 227.9370,
-14.7589, -26.2547

■ 217.6120,
-21.9937, -39.1247

■ 238.2620, -7.5242,
-13.3848

■ 207.2870,
-29.2285, -51.9947

■ 248.5870, -0.2894,
-0.5148

■ 196.9620,
-36.4633, -64.8647

■ 251.4780, 1.7363,
3.0888

■ 186.6370,
-43.6980, -77.7346

■ 176.7250,
-50.6434, -90.0898

■ 166.4000,
-57.8782, -102.9598

■ 156.0750,
-65.1130, -115.8298

■ 146.1630,
-72.0584, -128.1850

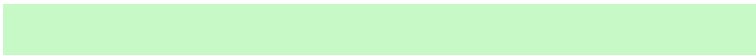
Harmonies

Analogous

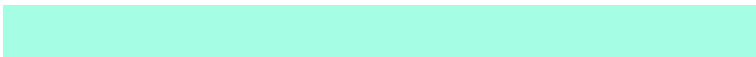
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.8390, -26.0496, 1.8952



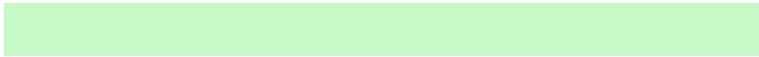
227.9370, -14.7589, -26.2547



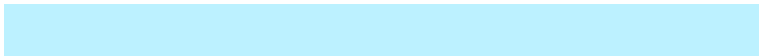
223.7240, 1.6151, -51.5009

Triad

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



227.9370, -14.7589, -26.2547



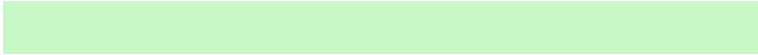
226.7490, 13.9277, -33.9829



226.7320, -6.7699, 24.7910

Complementary

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



227.9370, -14.7589, -26.2547



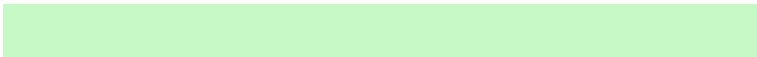
219.0630, 14.7589, 26.2547

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.



229.6790, 7.0603, 22.2065



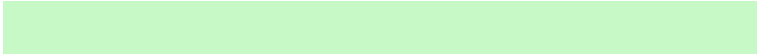
227.9370, -14.7589, -26.2547



233.7360, 10.4832, -2.3995

Square

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



227.9370, -14.7589, -26.2547



221.2790, 16.6245, -59.0037



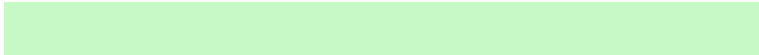
234.4550, 10.1287, 18.0180



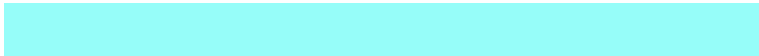
227.4040, -19.4262, 24.2017

Rectangle

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



227.9370, -14.7589, -26.2547



221.7470, 13.4357, -62.9221



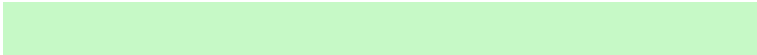
234.4550, 10.1287, 18.0180



227.2850, -2.1125, 24.3061

Sweetspot

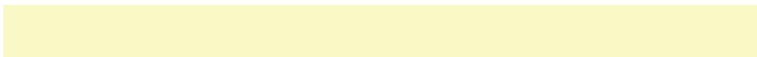
The Sweet Spot groups the original color and five complimentary colors.



227.9370, -14.7589, -26.2547



248.8050, -4.3409, -7.7220



243.1860, -22.2767, 5.0989



124.2830, -2.6045, -4.6332



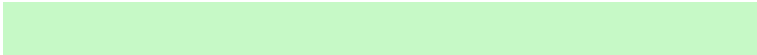
0.0000, 0.0000, 0.0000



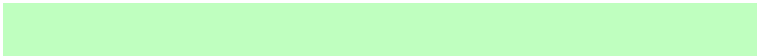
128.0000, 0.0000, 0.0000

Same Dimension

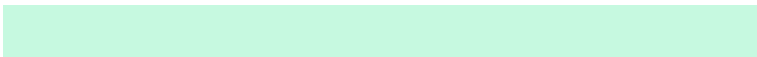
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.9370, -14.7589, -26.2547



228.5680, -18.5210, -32.9471



230.9010, -3.4022, -28.8542



119.6310, -3.7621, -6.6924



110.9430, -54.6949, -97.2970



35.8070, -17.6529, -31.4027

Inverse Universe

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



219.0630, 14.7589, 26.2547



217.4320, 18.5210, 32.9471



216.2130, 3.8390, 28.7542



117.3690, 3.7621, 6.6924



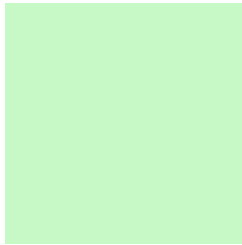
78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027

Previews

White Background



This preview shows how the YUV color 227.9370, -14.7589, -26.2547 looks on a white background.

Color Contrast Check

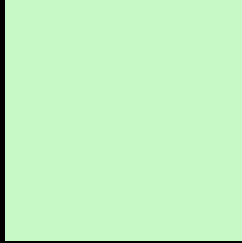
Large Text (above 18pt) WCAG AA × Fail

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 227.9370, -14.7589, -26.2547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

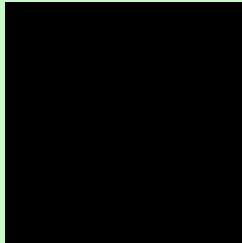
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

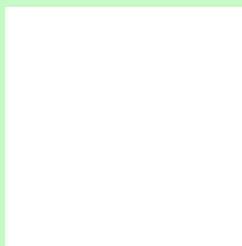
Any Text WCAG AAA ✓ Pass

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

YUV 227.9370, -14.7589, -26.2547 Background



This preview shows how black text looks on a background with the YUV color 227.9370, -14.7589, -26.2547.



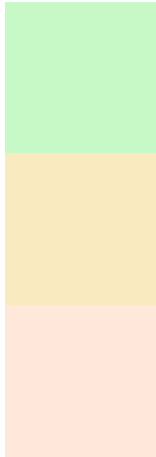
This preview shows how white text looks on a background with the YUV color 227.9370, -14.7589, -26.2547.

-26.2547.

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

227.9370, -14.7589, -26.2547

Protanopia

234.1700, -21.2828, 13.0059

Deuteranopia

236.6940, -9.2161, 16.0544



Tritanopia

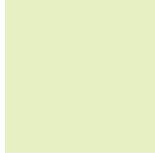
233.9360, 10.3846, -17.4839

Trichromacy



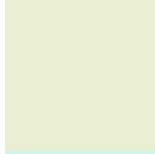
Original Color

227.9370, -14.7589, -26.2547



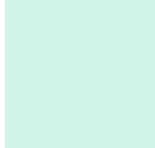
Protanomaly

231.7660, -18.6186, -1.5488



Deuteranomaly

233.7260, -11.2039, 0.2403



Tritanomaly

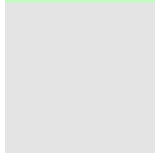
231.5090, 1.2281, -20.6174

Monochromacy



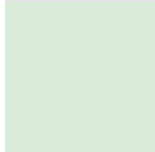
Original Color

227.9370, -14.7589, -26.2547



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

228.1530, -5.4984, -9.7812

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.9370, -14.7589, -26.2547 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, 249, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 249, 198)  
}
```

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, 249, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 249, 198) }
```

Border

The CSS property to change the border of an element to YUV 227.9370, -14.7589, -26.2547 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, 249, 198) }
```


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

```
.border{ border-color:rgb(198, 249, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 249, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 249, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 249, 198); box-shadow:4px 4px 4px 4px rgb(198, 249, 198) }
```

Background

The CSS property to change the background color of an element to YUV 227.9370, -14.7589, -26.2547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 249, 198) }
```

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

```
.background{ background-color: rgb(198,  
249, 198) }
```

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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