

Converting Colors

YUV(227.8660, -13.7379,
-27.0695)

Have a look what the booklet for
YUV(227.8660, -13.7379, -27.0695)
contains.

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Color

**YUV(227.8660, -13.7379,
-27.0695)**

Conversions

Conversions Part 1

Format	Color
Hex	C5F9C8
RGB	197, 249, 200
RGB Percent	77%, 98%, 78%
CMY	0.2275, 0.0235, 0.2157
CMYK	0.21, 0.00, 0.20, 0.02
HSL	123°, 81%, 87%
HSV	123°, 21%, 98%
XYZ	67.3270, 83.7918, 67.2685
YIQ	227.8660, -15.2630, -26.2630

Conversions

Conversions Part 2

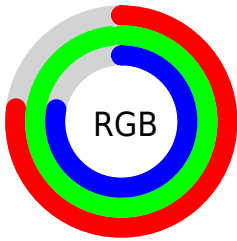
Format	Color
RYB	197, 246, 249
Decimal	12974536
CIELab	93.36, -25.67, 18.21
CIElCh	93, 31.473, 144.642
Yxy	83.7918, 0.3083, 0.3837
Android (android.graphics.Color)	4291164616 (0xFFC5F9C8)
YUV	227.8660, -13.7379, -27.0695
Hunter-Lab	91.5379, -28.9028, 20.5060

Details

The YUV color **227.8660, -13.7379, -27.0695** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **218.1340, 13.7379, 27.0695**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.7010, 0.1474, -0.6148**, and **171.8060, -12.7224, -26.1399** is the 20% darker color. If you saturate the color by 10%, you get **217.7690, -20.0991, -40.1394**, and if you desaturate by 10%, it is **237.9630, -7.3768, -13.9996**.

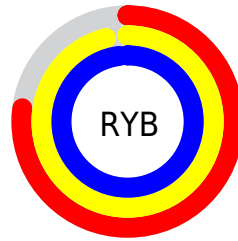
Distribution



Red (77%)

Green (98%)

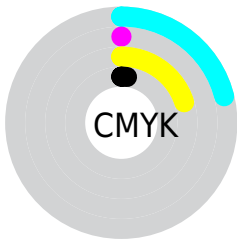
Blue (78%)



Red (77%)

Yellow (96%)

Blue (98%)

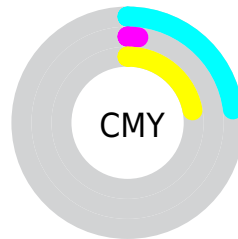


Cyan (21%)

Magenta (0%)

Yellow (20%)

Black (2%)



Cyan (23%)

Magenta (2%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.8660, -13.7379, -27.0695 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 227.8660, -13.7379, -27.0695 by changing the saturation by 10% instead.

■ 227.8660,
-13.7379, -27.0695

■ 227.8660,
-13.7379, -27.0695

255.0000, 0.0000,
0.0000

■ 199.3930,
-13.0117, -26.6547

254.7010, 0.1474,
-0.6148

■ 171.8060,
-12.7224, -26.1399

■ 145.2190,
-12.4330, -25.6251

■ 119.6320,
-12.1436, -25.1103

■ 94.1590, -11.4174,
-24.6954

■ 69.3870, -10.5438,
-24.8954

■ 45.4300, -9.0860,

-25.8101

■ 24.8820, -11.2808,
-21.8215

■ 11.7400, -5.7878,
-10.2960

■ 227.8660,
-13.7379, -27.0695

■ 227.8660,
-13.7379, -27.0695

■ 217.7690,
-20.0991, -40.1394

■ 237.9630, -7.3768,
-13.9996

■ 207.5580,
-26.8971, -53.1094

■ 248.1740, -0.5788,
-1.0296

■ 197.4610,
-33.2583, -66.1793

■ 251.4780, 1.7363,
3.0888

■ 187.2500,
-40.0562, -79.1492

■ 177.1530,
-46.4174, -92.2192

■ 167.2410,
-53.3628, -104.5744

■ 157.1440,
-59.7240, -117.6443

■ 147.7590,
-65.9432, -129.5846

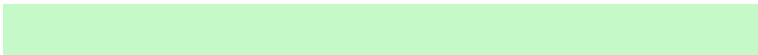
Harmonies

Analogous

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



231.9420, -25.6074, 0.0509



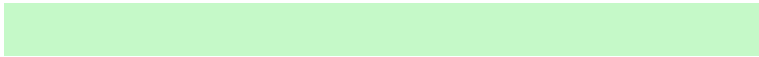
227.8660, -13.7379, -27.0695



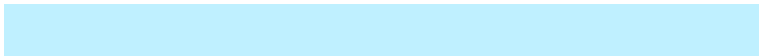
223.9520, 2.4887, -51.7009

Triad

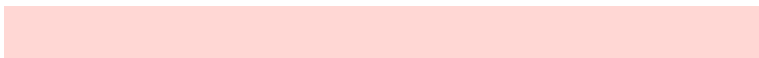
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.8660, -13.7379, -27.0695



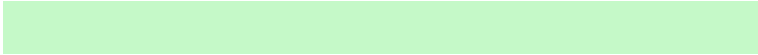
227.0590, 13.7749, -31.6237



226.6180, -7.2067, 24.8910

Complementary

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



227.8660, -13.7379, -27.0695



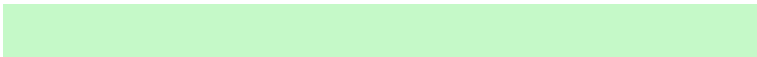
218.1340, 13.7379, 27.0695

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.



229.5650, 6.6235, 22.3065



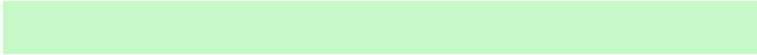
227.8660, -13.7379, -27.0695



234.0460, 10.3303, -0.0403

Square

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



227.8660, -13.7379, -27.0695



221.5890, 16.4716, -56.6446



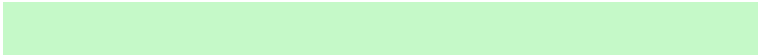
234.4550, 10.1287, 18.0180



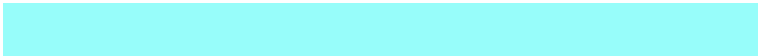
227.9910, -19.7156, 23.6869

Rectangle

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



227.8660, -13.7379, -27.0695



222.1600, 13.7251, -62.4073



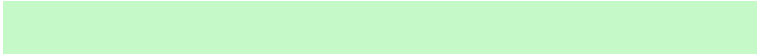
234.4550, 10.1287, 18.0180



227.1710, -2.5493, 24.4060

Sweetspot

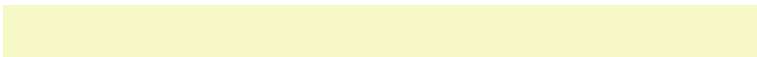
The Sweet Spot groups the original color and five complimentary colors.



227.8660, -13.7379, -27.0695



248.9190, -3.9041, -7.8220



242.1750, -22.2713, 3.3545



124.2830, -2.6045, -4.6332



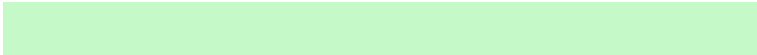
0.0000, 0.0000, 0.0000



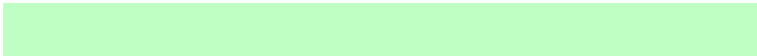
128.0000, 0.0000, 0.0000

Same Dimension

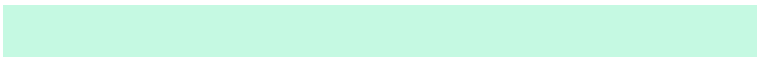
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.8660, -13.7379, -27.0695



229.0240, -16.7738, -33.3470



230.8300, -2.3812, -29.6689



119.7450, -3.3253, -6.7924



112.1970, -49.8901, -98.3968



36.2630, -15.9057, -31.8027

Inverse Universe

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



218.1340, 13.7379, 27.0695



216.9760, 16.7738, 33.3470



215.1700, 2.3812, 29.6689



117.2550, 3.3253, 6.7924



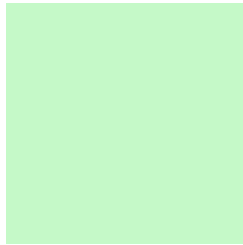
76.8030, 49.8901, 98.3968



24.8510, 16.3425, 31.7027

Previews

White Background



This preview shows how the YUV color 227.8660, -13.7379, -27.0695 looks on a white background.

Color Contrast Check

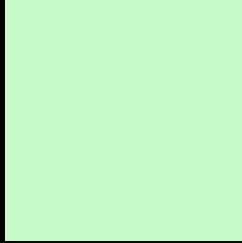
Large Text (above 18pt) WCAG AA × Fail

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 227.8660, -13.7379, -27.0695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

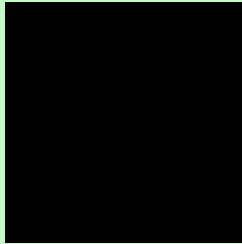
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

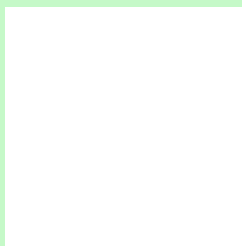
Any Text WCAG AAA ✓ Pass

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

YUV 227.8660, -13.7379, -27.0695 Background



This preview shows how black text looks on a background with the YUV color 227.8660, -13.7379, -27.0695.



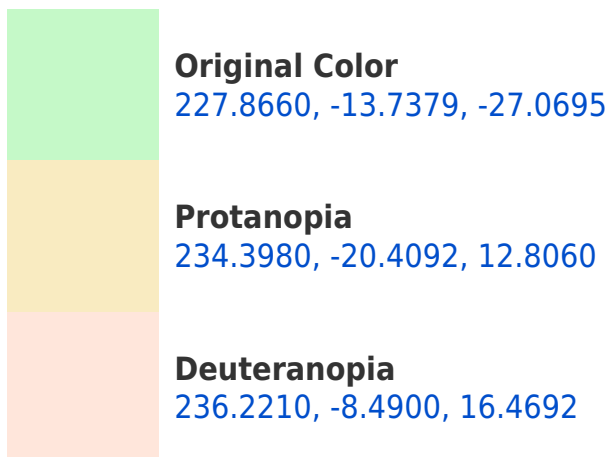
This preview shows how white text looks on a background with the YUV color 227.8660, -13.7379, -27.0695.

-27.0695.

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





Tritanopia

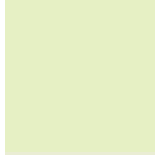
233.9360, 10.3846, -17.4839

Trichromacy



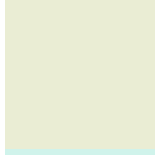
Original Color

227.8660, -13.7379, -27.0695



Protanomaly

231.9940, -17.7450, -1.7487



Deuteranomaly

233.2530, -10.4777, 0.6551



Tritanomaly

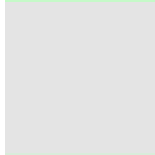
231.6230, 1.6649, -20.7174

Monochromacy



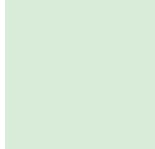
Original Color

227.8660, -13.7379, -27.0695



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

228.2670, -5.0616, -9.8812

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.8660, -13.7379, -27.0695 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(197, 249, 200)` looks like.

```
.text, #text, p{  
    color:rgb(197, 249, 200)  
}
```

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(197, 249, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 249, 200) }
```

Border

The CSS property to change the border of an element to YUV 227.8660, -13.7379, -27.0695 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(197, 249, 200) }
```


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

```
.border{ border-color:rgb(197, 249, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 249, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 249, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 249, 200); box-shadow:4px 4px 4px 4px rgb(197, 249, 200) }
```

Background

The CSS property to change the background color of an element to YUV 227.8660, -13.7379, -27.0695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 249, 200) }
```

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

```
.background{ background-color: rgb(197,  
249, 200) }
```

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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