

Converting Colors

YUV(226.8880, -17.1998,
-36.7358)

Have a look what the booklet for
YUV(226.8880, -17.1998, -36.7358)
contains.

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Color

**YUV(226.8880, -17.1998,
-36.7358)**

Conversions

Conversions Part 1

Format	Color
Hex	B9FFC0
RGB	185, 255, 192
RGB Percent	73%, 100%, 75%
CMY	0.2745, 0.0000, 0.2471
CMYK	0.27, 0.00, 0.25, 0.00
HSL	126°, 100%, 86%
HSV	126°, 27%, 100%
XYZ	65.2820, 85.6401, 62.9586
YIQ	226.8880, -21.4970, -34.4330

Conversions

Conversions Part 2

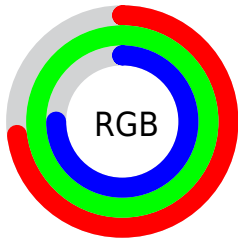
Format	Color
RYB	185, 249, 255
Decimal	12189632
CIELab	94.16, -33.67, 23.31
CIElCh	94, 40.948, 145.306
Yxy	85.6401, 0.3052, 0.4004
Android (android.graphics.Color)	4290379712 (0xFFB9FFC0)
YUV	226.8880, -17.1998, -36.7358
Hunter-Lab	92.5419, -36.0288, 24.4428

Details

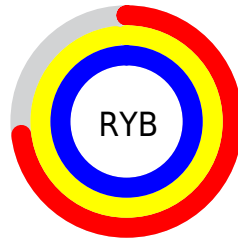
The YUV color **226.8880, -17.1998, -36.7358** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **213.1120, 17.1998, 36.7358**, and the grayscale version is **227.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.4290, -0.7045, -7.3922**, and **170.8280, -16.1842, -35.8062** is the 20% darker color. If you saturate the color by 10%, you get **216.7910, -23.5610, -49.8057**, and if you desaturate by 10%, it is **237.2840, -10.9860, -23.0511**.

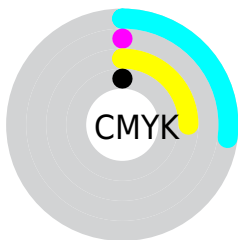
Distribution



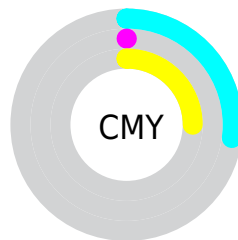
- Red (73%)
- Green (100%)
- Blue (75%)



- Red (73%)
- Yellow (98%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.8880, -17.1998, -36.7358 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 226.8880, -17.1998, -36.7358 by changing the saturation by 10% instead.

■ 226.8880,
-17.1998, -36.7358

■ 226.8880,
-17.1998, -36.7358

255.0000, 0.0000,
0.0000

■ 198.4150,
-16.4736, -36.3210

■ 250.4290, -0.7045,
-7.3922

■ 170.8280,
-16.1842, -35.8062

■ 143.7680,
-15.1686, -34.8765

■ 117.5830,
-14.5844, -35.5913

■ 91.8110, -13.7108,
-35.7912

■ 66.1420, -12.3950,
-37.8355

■ 42.0820, -11.3794,

-36.9059

■ 26.4150, -13.0226,
-23.1660

■ 13.5010, -6.6560,
-11.8404

■ 226.8880,
-17.1998, -36.7358

■ 226.8880,
-17.1998, -36.7358

■ 216.7910,
-23.5610, -49.8057

■ 237.2840,
-10.9860, -23.0511

■ 206.3950,
-29.7747, -63.4904

■ 247.3810, -4.6248,
-9.9811

■ 195.9990,
-35.9885, -77.1751

255.0000, 0.0000,
0.0000

■ 185.9020,
-42.3497, -90.2451

■ 175.5060,
-48.5635, -103.9298

■ 165.4090,
-54.9246, -116.9997

■ 155.3120,
-61.2858, -130.0696

■ 152.5350,
-62.8748, -133.7732

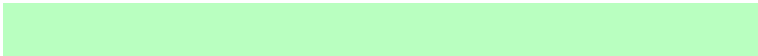
Harmonies

Analogous

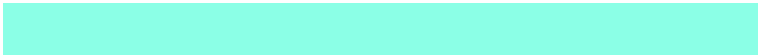
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.3950, -32.7327, -1.2234



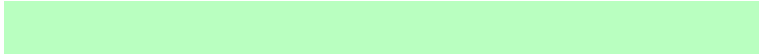
226.8880, -17.1998, -36.7358



217.4660, 6.1793, -68.8147

Triad

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



226.8880, -17.1998, -36.7358



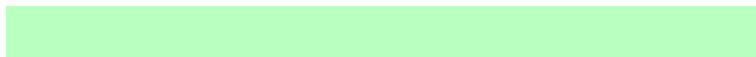
224.9220, 14.8285, -42.9046



222.9990, -8.3805, 28.0649

Complementary

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



226.8880, -17.1998, -36.7358



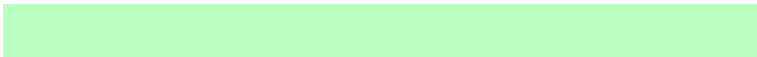
213.1120, 17.1998, 36.7358

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.



226.9720, 9.3808, 24.5806



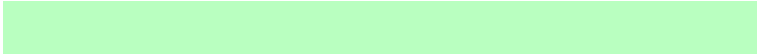
226.8880, -17.1998, -36.7358



234.3450, 10.1829, 0.5744

Square

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



226.8880, -17.1998, -36.7358



214.6460, 19.8945, -81.2505



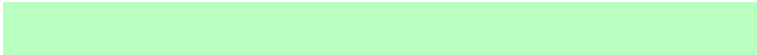
232.6940, 10.9969, 19.5624



225.3350, -24.8152, 26.0162

Rectangle

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



226.8880, -17.1998, -36.7358



212.8410, 20.7844, -86.6836



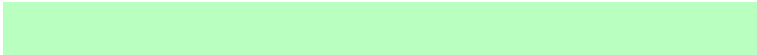
232.6940, 10.9969, 19.5624



223.8940, -2.4127, 27.2800

Sweetspot

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



226.8880, -17.1998, -36.7358



246.9680, -4.9142, -10.4959



244.9270, -29.5440, 2.6950



122.7450, -3.3253, -6.7924



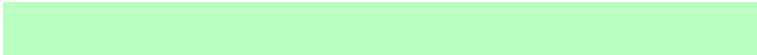
0.0000, 0.0000, 0.0000



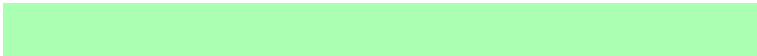
128.0000, 0.0000, 0.0000

Same Dimension

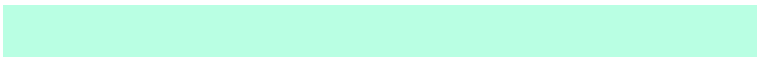
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.8880, -17.1998, -36.7358



221.2200, -20.8145, -44.0429



230.8780, -1.9119, -40.2350



122.7450, -3.3253, -6.7924



114.2830, -46.9745, -100.2262



38.2520, -15.9002, -33.5470

Inverse Universe

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



213.1120, 17.1998, 36.7358



204.7800, 20.8145, 44.0429



209.1220, 1.9119, 40.2350



120.1410, 2.8885, 6.8923



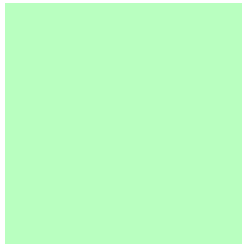
76.7170, 46.9745, 100.2262



25.6340, 15.4634, 33.6470

Previews

White Background



This preview shows how the YUV color 226.8880, -17.1998, -36.7358 looks on a white background.

Color Contrast Check

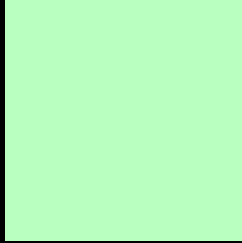
Large Text (above 18pt) WCAG AA × Fail

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 226.8880, -17.1998, -36.7358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

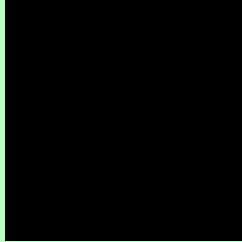
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

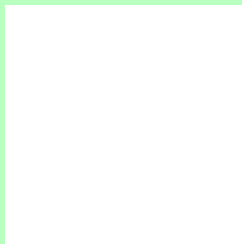
Any Text WCAG AAA ✓ Pass

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

YUV 226.8880, -17.1998, -36.7358 Background



This preview shows how black text looks on a background with the YUV color 226.8880, -17.1998, -36.7358.



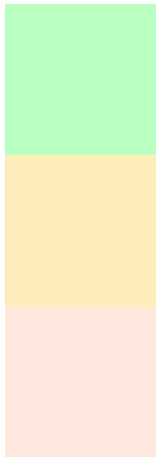
This preview shows how white text looks on a background with the YUV color 226.8880, -17.1998, -36.7358.

-36.7358.

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

226.8880, -17.1998, -36.7358

Protanopia

235.7420, -25.5088, 15.1353

Deuteranopia

238.0960, -8.9213, 14.8248



Tritanopia

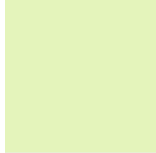
235.1100, 9.8058, -18.5135

Trichromacy



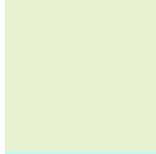
Original Color

226.8880, -17.1998, -36.7358



Protanomaly

232.7180, -22.5390, -4.1377



Deuteranomaly

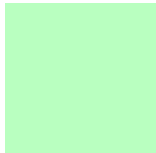
234.1770, -11.9193, -3.6632



Tritanomaly

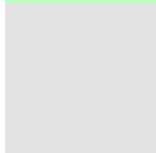
232.1340, -0.0661, -25.5505

Monochromacy



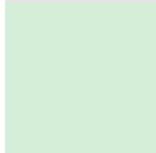
Original Color

226.8880, -17.1998, -36.7358



Achromatopsia

227.0000, 0.0000, 0.0000



Achromatomaly

226.9030, -6.3612, -13.0699

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.8880, -17.1998, -36.7358 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(185, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(185, 255, 192)  
}
```

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(185, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 255, 192) }
```

Border

The CSS property to change the border of an element to YUV 226.8880, -17.1998, -36.7358 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(185, 255, 192) }
```


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

```
.border{ border-color:rgb(185, 255, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 255, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(185, 255,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 226.8880, -17.1998, -36.7358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 255, 192) }
```

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

```
.background{ background-color: rgb(185,  
255, 192) }
```

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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