

Converting Colors

YUV(226.3780, -0.1864,
-33.6575)

Have a look what the booklet for
YUV(226.3780, -0.1864, -33.6575)
contains.

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Color

**YUV(226.3780, -0.1864,
-33.6575)**

Conversions

Conversions Part 1

Format	Color
Hex	BCF6E2
RGB	188, 246, 226
RGB Percent	74%, 96%, 89%
CMY	0.2627, 0.0353, 0.1137
CMYK	0.24, 0.00, 0.08, 0.04
HSL	159°, 76%, 85%
HSV	159°, 24%, 96%
XYZ	67.4223, 82.0939, 84.2437
YIQ	226.3780, -28.1480, -18.5160

Conversions

Conversions Part 2

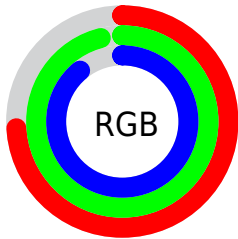
Format	Color
RYB	188, 223, 246
Decimal	12383970
CIELab	92.62, -22.25, 3.66
CIELCh	93, 22.552, 170.653
Yxy	82.0939, 0.2884, 0.3512
Android (android.graphics.Color)	4290574050 (0xFFBCF6E2)
YUV	226.3780, -0.1864, -33.6575
Hunter-Lab	90.6057, -25.7330, 8.2971

Details

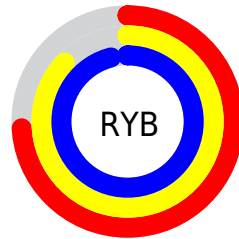
The YUV color $226.3780, -0.1864, -33.6575$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $207.6220, 0.1864, 33.6575$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0100, 1.4741, -6.1478$, and $171.0900, -0.0444, -32.5279$ is the 20% darker color. If you saturate the color by 10%, you get $217.9910, 0.0044, -48.2271$, and if you desaturate by 10%, it is $234.7650, -0.3771, -19.0879$.

Distribution



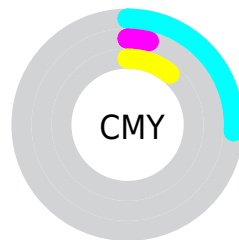
- Red (74%)
- Green (96%)
- Blue (89%)



- Red (74%)
- Yellow (87%)
- Blue (96%)



- Cyan (24%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)



- Cyan (26%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 226.3780, -0.1864, -33.6575 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 226.3780, -0.1864, -33.6575 by changing the saturation by 10% instead.

 226.3780, -0.1864,
-33.6575


 226.3780, -0.1864,
-33.6575


255.0000, 0.0000,
0.0000

 197.7910, 0.1030,
-33.1427


 252.0100, 1.4741,
-6.1478

 171.0900, -0.0444,
-32.5279

 143.5030, 0.2450,
-32.0131

 117.9160, 0.5344,
-31.4983

 92.3290, 0.8238,
-30.9835

 67.7310, 1.1186,
-32.2131

 42.1650, 2.8767,

-36.1017

■ 26.5580, 0.2179,
-23.2914

■ 9.9790, -4.9196,
-8.7516

■ 226.3780, -0.1864,
-33.6575

■ 226.3780, -0.1864,
-33.6575

■ 217.9910, 0.0044,
-48.2271

■ 234.7650, -0.3771,
-19.0879

■ 209.7890, -0.3890,
-62.0820

■ 242.9670, 0.0163,
-5.2331

■ 201.4020, -0.1982,
-76.6516

■ 249.2610, 0.8573,
5.0331

■ 193.2000, -0.5916,
-90.5064

■ 249.7170, 2.6045,
4.6332

■ 184.8130, -0.4008,
-105.0760

■ 176.3120, -0.6468,
-119.5456

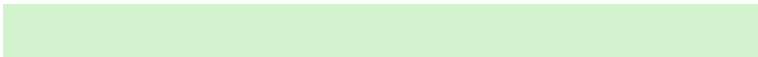
■ 168.2240, -0.6034,
-133.5004

■ 162.7560, -0.8657,
-142.7370

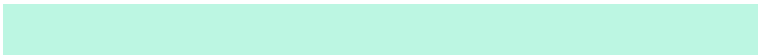
Harmonies

Analogous

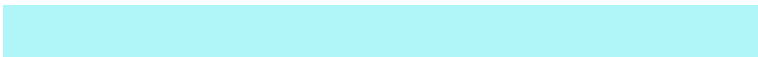
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.9150, -11.2971, -16.5885



226.3780, -0.1864, -33.6575



225.2980, 11.1921, -43.2343

Triad

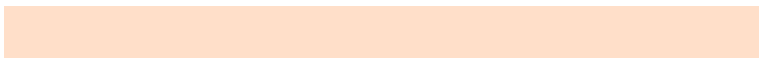
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.3780, -0.1864, -33.6575



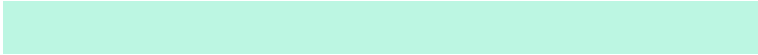
233.1380, 10.7780, -3.6290



230.0600, -14.3266, 21.8724

Complementary

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



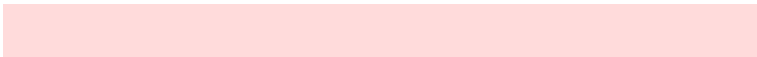
226.3780, -0.1864, -33.6575



207.6220, 0.1864, 33.6575

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.



229.7640, -5.3067, 22.1320



226.3780, -0.1864, -33.6575



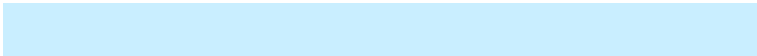
236.8030, 8.9711, 15.9588

Square

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



226.3780, -0.1864, -33.6575



228.8750, 12.8796, -24.4464



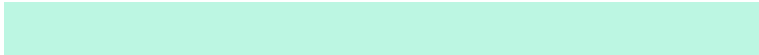
232.3860, 4.7397, 19.8325



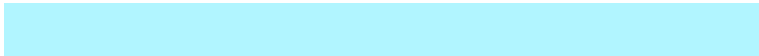
233.0290, -20.7203, 19.2686

Rectangle

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



226.3780, -0.1864, -33.6575



225.8080, 14.3917, -42.8046



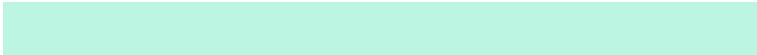
232.3860, 4.7397, 19.8325



230.0430, -11.8532, 21.8873

Sweetspot

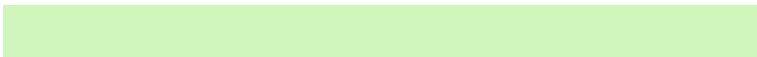
The Sweet Spot groups the original color and five complimentary colors.



226.3780, -0.1864, -33.6575



248.9340, 0.0325, -10.4661



228.0260, -19.7328, -17.5628



124.2550, -0.1257, -6.3626



0.0000, 0.0000, 0.0000



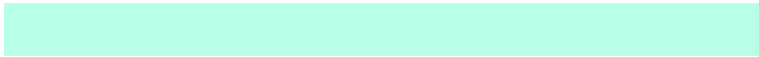
128.0000, 0.0000, 0.0000

Same Dimension

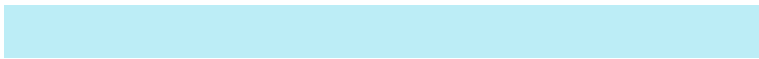
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.3780, -0.1864, -33.6575



230.9210, -0.4541, -41.1497



223.3750, 11.1541, -31.0239



117.9560, 0.0217, -6.9774



123.0900, -0.5374, -107.9499



38.9650, -0.4757, -34.1723

Inverse Universe

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



207.6220, 0.1864, 33.6575



207.9650, 0.0173, 41.2497



210.6250, -11.1541, 31.0239



114.0440, -0.0217, 6.9774



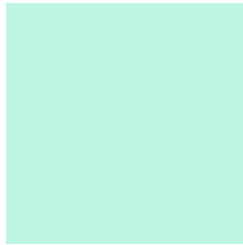
62.9100, 0.5374, 107.9499



19.9210, 0.0389, 34.2723

Previews

White Background



This preview shows how the YUV color 226.3780, -0.1864, -33.6575 looks on a white background.

Color Contrast Check

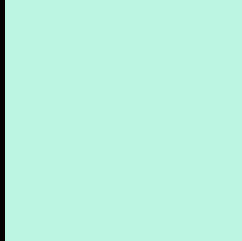
Large Text (above 18pt) WCAG AA × Fail

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 226.3780, -0.1864, -33.6575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

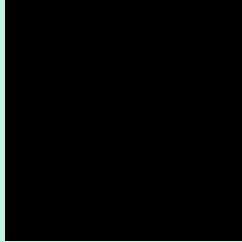
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

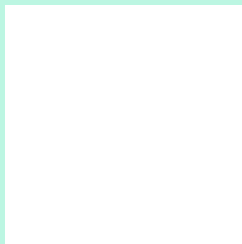
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 226.3780, -0.1864, -33.6575

Background



This preview shows how black text looks on a background with the YUV color 226.3780, -0.1864, -33.6575.



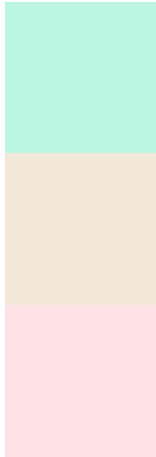
This preview shows how white text looks on a background with the YUV color 226.3780, -0.1864, -33.6575.

-33.6575.

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

226.3780, -0.1864, -33.6575

Protanopia

233.0950, -7.4418, 6.9327

Deuteranopia

235.1270, -2.5276, 17.4286



Tritanopia

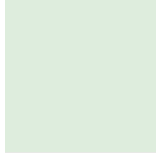
230.0600, 12.2954, -23.7316

Trichromacy



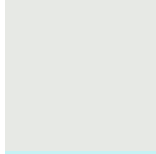
Original Color

226.3780, -0.1864, -33.6575



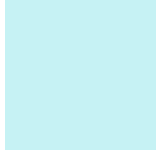
Protanomaly

230.6910, -4.7777, -7.6220



Deuteranomaly

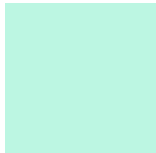
231.9460, -1.4524, -0.8296



Tritanomaly

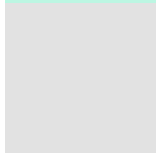
229.0720, 7.3595, -27.2501

Monochromacy



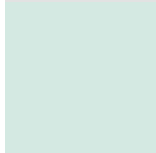
Original Color

226.3780, -0.1864, -33.6575



Achromatopsia

226.0000, 0.0000, 0.0000



Achromatomaly

225.9230, 0.0380, -12.2105

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.3780, -0.1864, -33.6575 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(188, 246, 226)` looks like.

```
.text, #text, p{  
    color:rgb(188, 246, 226)  
}
```

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(188, 246, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 246, 226) }
```

Border

The CSS property to change the border of an element to YUV 226.3780, -0.1864, -33.6575 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(188, 246, 226) }
```


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

```
.border{ border-color:rgb(188, 246, 226) }
```

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

Here you see how a box with a 4 pixel rgb(188, 246, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 246, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 246, 226);  
box-shadow:4px 4px 4px 4px rgb(188, 246,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 226.3780, -0.1864, -33.6575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 246, 226) }
```

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

```
.background{ background-color: rgb(188,  
246, 226) }
```

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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