

Converting Colors

YUV(227.8510, -0.9125,
-34.0723)

Have a look what the booklet for
YUV(227.8510, -0.9125, -34.0723)
contains.

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Color

**YUV(227.8510, -0.9125,
-34.0723)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | BDF8E2 |
| RGB | 189, 248, 226 |
| RGB Percent | 74%, 97%, 89% |
| CMY | 0.2588, 0.0275, 0.1137 |
| CMYK | 0.24, 0.00, 0.09, 0.03 |
| HSL | 158°, 81%, 86% |
| HSV | 158°, 24%, 97% |
| XYZ | 68.2811, 83.4446, 84.4591 |
| YIQ | 227.8510, -28.1020, -19.3500 |

Conversions

Conversions Part 2

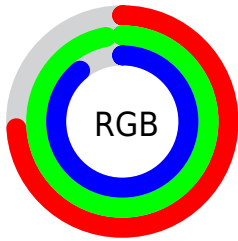
| Format | Color |
|-------------------------------------|--|
| RYB | 189, 225, 248 |
| Decimal | 12450018 |
| CIELab | 93.21, -22.92, 4.53 |
| CIELCh | 93, 23.363, 168.826 |
| Yxy | 83.4446, 0.2891, 0.3533 |
| Android (android.graphics.Color) | 4290640098 (0xFFBDF8E2) |
| YUV | 227.8510, -0.9125, -34.0723 |
| Hunter-Lab | 91.3480, -26.4332, 9.1249 |

Details

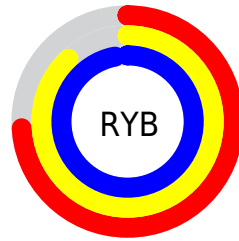
The YUV color **227.8510, -0.9125, -34.0723** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **209.1490, 0.9125, 34.0723**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.3090, 1.3267, -5.5330**, and **171.6770, -0.3338, -33.0427** is the 20% darker color. If you saturate the color by 10%, you get **219.3500, -1.1585, -48.5419**, and if you desaturate by 10%, it is **236.3520, -0.6665, -19.6027**.

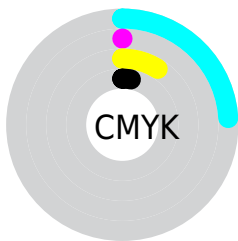
Distribution



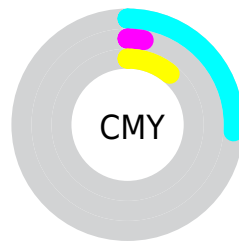
- Red (74%)
- Green (97%)
- Blue (89%)



- Red (74%)
- Yellow (88%)
- Blue (97%)



- Cyan (24%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)




- Cyan (26%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.8510, -0.9125, -34.0723 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 227.8510, -0.9125, -34.0723 by changing the saturation by 10% instead.

 227.8510, -0.9125,
-34.0723

 227.8510, -0.9125,
-34.0723

255.0000, 0.0000,
0.0000


 199.2640, -0.6232,
-33.5575


 252.3090, 1.3267,
-5.5330

 171.6770, -0.3338,
-33.0427

 144.9760, -0.4812,
-32.4280

 119.3890, -0.1918,
-31.9132

 93.5030, 0.2450,
-32.0131

 68.6170, 0.6818,
-32.1131

 43.3390, 2.2979,

-37.1313

■ 27.1450, -0.0715,
-23.8062

■ 11.1530, -5.4984,
-9.7812

■ 227.8510, -0.9125,
-34.0723

■ 227.8510, -0.9125,
-34.0723

■ 219.3500, -1.1585,
-48.5419

■ 236.3520, -0.6665,
-19.6027

■ 210.8490, -1.4046,
-63.0116

■ 244.8530, -0.4205,
-5.1331

■ 202.5330, -2.2348,
-76.7664

■ 250.7770, 1.5889,
3.7036

■ 194.0320, -2.4808,
-91.2361

■ 250.8910, 2.0257,
3.6036

■ 185.5310, -2.7268,
-105.7057

■ 177.0300, -2.9728,
-120.1753

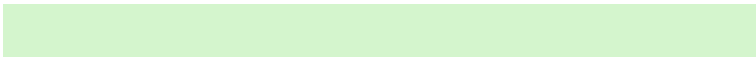
■ 168.4150, -3.6556,
-134.5450

■ 163.3600, -3.6285,
-143.2667

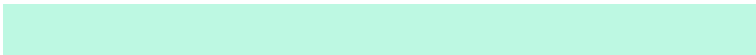
Harmonies

Analogous

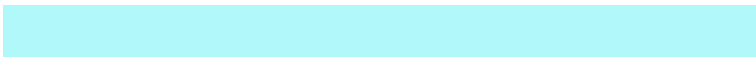
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.5730, -12.6075, -16.2885



227.8510, -0.9125, -34.0723



226.5860, 11.0501, -44.3639

Triad

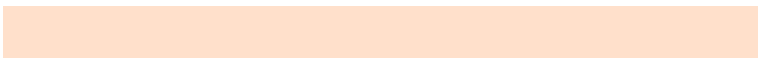
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.8510, -0.9125, -34.0723



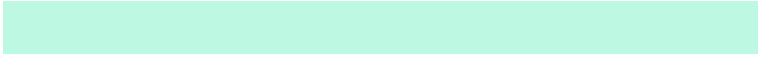
234.3120, 10.1992, -4.6586



230.8750, -13.7424, 21.1576

Complementary

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



227.8510, -0.9125, -34.0723



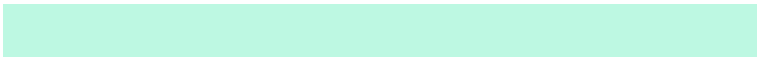
209.1490, 0.9125, 34.0723

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.



230.6930, -4.2856, 21.3172



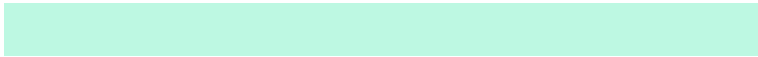
227.8510, -0.9125, -34.0723



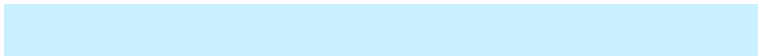
237.3900, 8.6817, 15.4440

Square

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



227.8510, -0.9125, -34.0723



229.7500, 12.4482, -26.0907



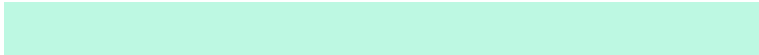
233.9020, 5.4713, 18.5029



233.7300, -20.5729, 18.6538

Rectangle

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



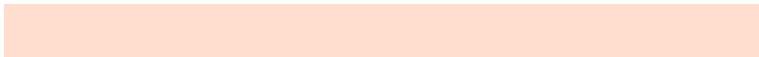
227.8510, -0.9125, -34.0723



226.6830, 13.9603, -44.4490



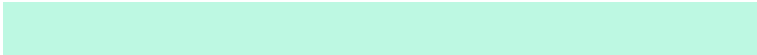
233.9020, 5.4713, 18.5029



230.2710, -10.9796, 21.6873

Sweetspot

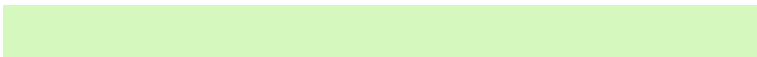
The Sweet Spot groups the original color and five complimentary colors.



227.8510, -0.9125, -34.0723



248.8200, -0.4043, -10.3661



230.5100, -20.4644, -16.2333



124.2550, -0.1257, -6.3626



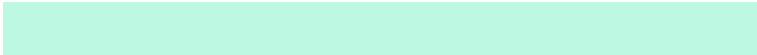
0.0000, 0.0000, 0.0000



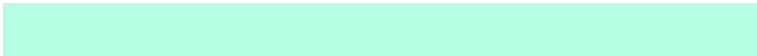
128.0000, 0.0000, 0.0000

Same Dimension

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



227.8510, -0.9125, -34.0723



229.6820, -1.3222, -42.6941



226.2500, 10.7228, -32.6682



120.5430, -0.2677, -7.4922



124.3950, -3.1527, -109.0944



40.1390, -1.0545, -35.2019

Inverse Universe

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



209.1490, 0.9125, 34.0723



206.3180, 1.3222, 42.6941



210.7500, -10.7227, 32.6683



116.4570, 0.2677, 7.4922



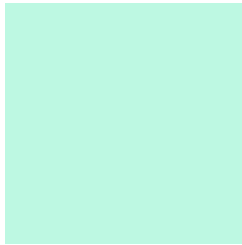
64.4910, 2.7159, 109.1944



20.8610, 1.0545, 35.2019

Previews

White Background



This preview shows how the YUV color 227.8510, -0.9125, -34.0723 looks on a white background.

Color Contrast Check

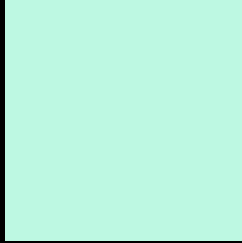
Large Text (above 18pt) WCAG AA × Fail

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 227.8510, -0.9125, -34.0723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

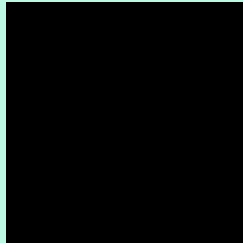
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

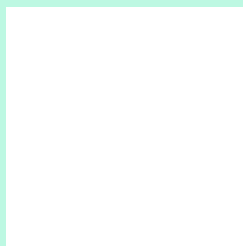
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.8510, -0.9125, -34.0723

Background



This preview shows how black text looks on a background with the YUV color 227.8510, -0.9125, -34.0723.



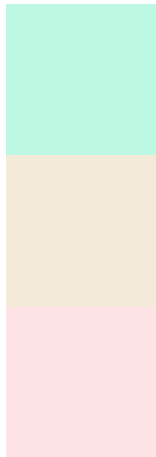
This preview shows how white text looks on a background with the YUV color 227.8510, -0.9125, -34.0723.

-34.0723.

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

227.8510, -0.9125, -34.0723

Protanopia

234.8670, -8.3154, 7.1326

Deuteranopia

236.4150, -2.6696, 16.2990



Tritanopia

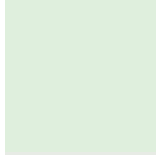
232.7290, 10.9796, -21.6873

Trichromacy



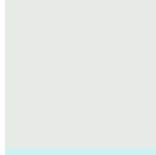
Original Color

227.8510, -0.9125, -34.0723



Protanomaly

232.1640, -5.5039, -8.0368



Deuteranomaly

233.1200, -2.0312, -1.8592



Tritanomaly

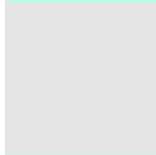
231.1430, 6.3385, -26.4354

Monochromacy



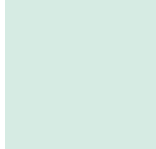
Original Color

227.8510, -0.9125, -34.0723



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

227.8090, -0.3988, -12.1105

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.8510, -0.9125, -34.0723 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(189, 248, 226)` looks like.

```
.text, #text, p{  
    color:rgb(189, 248, 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(189, 248, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 248, 226) }
```

Border

The CSS property to change the border of an element to YUV 227.8510, -0.9125, -34.0723 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(189, 248, 226) }
```


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

```
.border{ border-color:rgb(189, 248, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 248, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 248, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 248, 226);  
box-shadow:4px 4px 4px 4px rgb(189, 248,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 227.8510, -0.9125, -34.0723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 248, 226) }
```

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

```
.background{ background-color: rgb(189,  
248, 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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