

Converting Colors

YUV(235.9480, 1.9976,
-34.1574)

Have a look what the booklet for
YUV(235.9480, 1.9976, -34.1574)
contains.

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Color

**YUV(235.9480, 1.9976,
-34.1574)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | C5FFF0 |
| RGB | 197, 255, 240 |
| RGB Percent | 77%, 100%, 94% |
| CMY | 0.2275, 0.0000, 0.0588 |
| CMYK | 0.23, 0.00, 0.06, 0.00 |
| HSL | 164°, 100%, 89% |
| HSV | 164°, 23%, 100% |
| XYZ | 74.5141, 89.6816, 95.8210 |
| YIQ | 235.9480, -29.7530, -16.9610 |

Conversions

Conversions Part 2

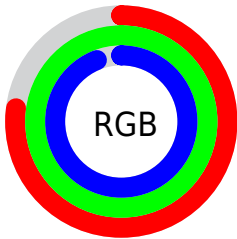
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 197, 230, 255 |
| Decimal | 12976112 |
| CIELab | 95.86, -21.14, 1.21 |
| CIElCh | 96, 21.171, 176.722 |
| Yxy | 89.6816, 0.2866, 0.3449 |
| Android (android.graphics.Color) | 4291166192 (0xFFC5FFF0) |
| YUV | 235.9480, 1.9976, -34.1574 |
| Hunter-Lab | 94.7004, -25.2745, 6.2986 |

Details

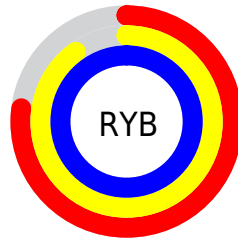
The YUV color **235.9480, 1.9976, -34.1574** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **216.0520, -1.9976, 34.1574**, and the grayscale version is **236.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.7010, 0.1474, -0.6148**, and **179.6600, 2.1396, -33.0278** is the 20% darker color. If you saturate the color by 10%, you get **227.6750, 2.6252, -48.8270**, and if you desaturate by 10%, it is **244.5200, 1.2226, -18.8730**.

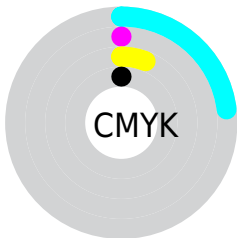
Distribution



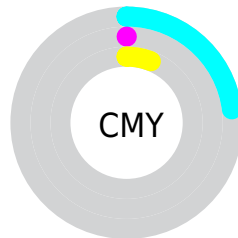
- Red (77%)
- Green (100%)
- Blue (94%)



- Red (77%)
- Yellow (90%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 235.9480, 1.9976, -34.1574 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 235.9480, 1.9976, -34.1574 by changing the saturation by 10% instead.

 235.9480, 1.9976,
-34.1574

 235.9480, 1.9976,
-34.1574

255.0000, 0.0000,
0.0000

 207.3610, 2.2870,
-33.6426

254.7010, 0.1474,
-0.6148

 179.6600, 2.1396,
-33.0278

 152.9590, 1.9922,
-32.4130

 126.3720, 2.2816,
-31.8982

 100.4860, 2.7184,
-31.9982

 75.6000, 3.1552,
-32.0982

 50.8060, 4.0396,

-35.7869

■ 31.8070, 2.5601,
-27.8947

■ 18.2600, -1.1142,
-16.0140

■ 235.9480, 1.9976,
-34.1574

■ 235.9480, 1.9976,
-34.1574

■ 227.6750, 2.6252,
-48.8270

■ 244.5200, 1.2226,
-18.8730

■ 219.2170, 3.8370,
-64.2113

■ 252.6790, 0.1583,
-4.1035

■ 210.9440, 4.4646,
-78.8809

■ 255.0000, 0.0000,
0.0000

■ 202.4860, 5.6764,
-94.2652

■ 193.9140, 6.4514,
-109.5496

■ 185.6410, 7.0790,
-124.2192

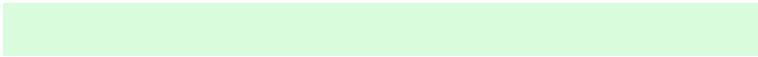
■ 177.1830, 8.2908,
-139.6035

■ 171.2310, 8.7601,
-150.1696

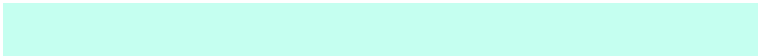
Harmonies

Analogous

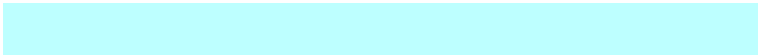
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.5880, -8.6709, -18.9327



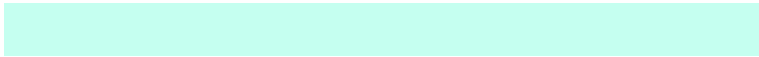
235.9480, 1.9976, -34.1574



235.2660, 9.7289, -40.5753

Triad

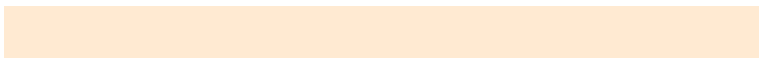
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.9480, 1.9976, -34.1574



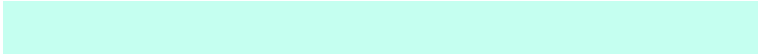
242.3190, 6.2517, 1.4742



237.5430, -13.5787, 15.3098

Complementary

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



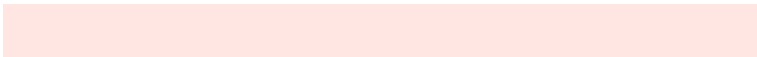
235.9480, 1.9976, -34.1574



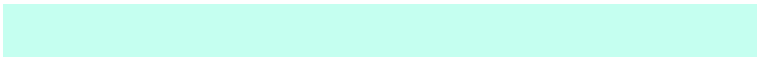
216.0520, -1.9976, 34.1574

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.



237.0190, -5.4324, 15.7693



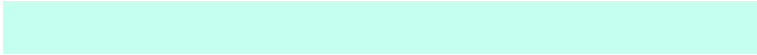
235.9480, 1.9976, -34.1574



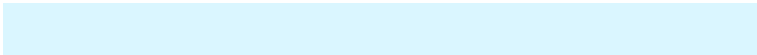
241.4990, 6.6560, 11.8404

Square

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



235.9480, 1.9976, -34.1574



238.6540, 8.0586, -18.1136



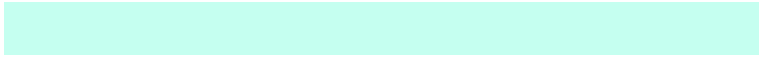
238.7120, 3.5930, 14.2846



240.7400, -19.0988, 12.5060

Rectangle

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



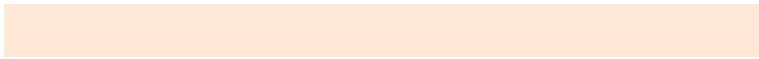
235.9480, 1.9976, -34.1574



234.9890, 9.8654, -37.7014



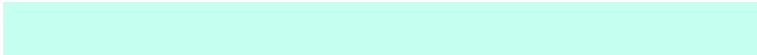
238.7120, 3.5930, 14.2846



237.4120, -11.5421, 15.4247

Sweetspot

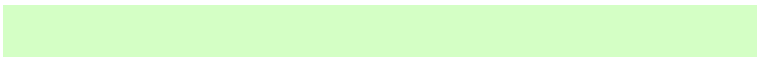
The Sweet Spot groups the original color and five complimentary colors.



235.9480, 1.9976, -34.1574



249.0480, 0.4693, -10.5661



235.5310, -18.9958, -20.6367



124.3690, 0.3111, -6.4626



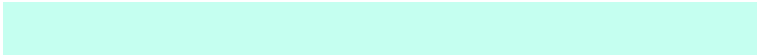
0.0000, 0.0000, 0.0000



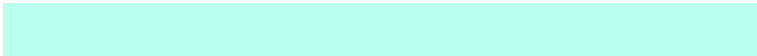
128.0000, 0.0000, 0.0000

Same Dimension

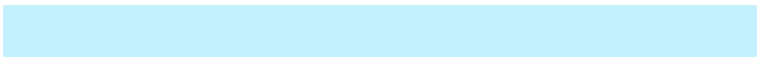
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.9480, 1.9976, -34.1574



232.3170, 2.3087, -40.6200



229.4400, 12.6011, -28.4499



123.6570, 0.1691, -7.5922



128.3050, 6.7516, -112.5235



42.9260, 2.0085, -37.6461

Inverse Universe

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



216.0520, -1.9976, 34.1574



208.6830, -2.3087, 40.6200



222.5600, -12.6011, 28.4499



119.2290, -0.6059, 7.6922



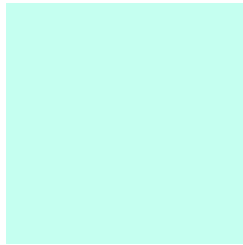
62.6950, -6.7516, 112.5235



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 235.9480, 1.9976, -34.1574 looks on a white background.

Color Contrast Check

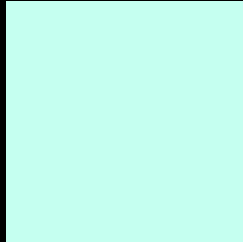
Large Text (above 18pt) WCAG AA × Fail

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 235.9480, 1.9976, -34.1574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

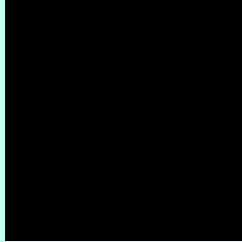
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

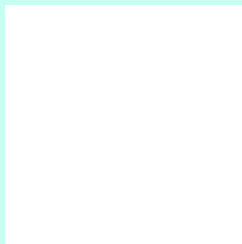
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.9480, 1.9976, -34.1574

Background



This preview shows how black text looks on a background with the YUV color 235.9480, 1.9976, -34.1574.



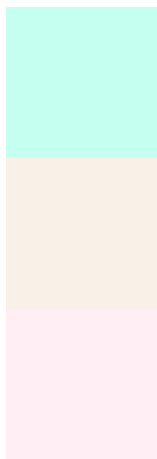
This preview shows how white text looks on a background with the YUV color 235.9480, 1.9976, -34.1574.

-34.1574.

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

235.9480, 1.9976, -34.1574

Protanopia

242.3660, -5.1104, 5.8180

Deuteranopia

243.6530, -0.3219, 9.9513



Tritanopia

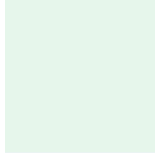
241.0460, 6.8793, -13.1953

Trichromacy



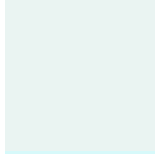
Original Color

235.9480, 1.9976, -34.1574



Protanomaly

239.9620, -2.4463, -8.7367



Deuteranomaly

240.7820, 0.6005, -5.9478



Tritanomaly

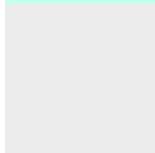
238.9480, 5.4486, -21.0024

Monochromacy



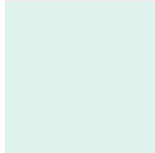
Original Color

235.9480, 1.9976, -34.1574



Achromatopsia

236.0000, 0.0000, 0.0000



Achromatomaly

236.0370, 0.4748, -12.3104

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.9480, 1.9976, -34.1574 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, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 240)  
}
```

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, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 240) }
```

Border

The CSS property to change the border of an element to YUV 235.9480, 1.9976, -34.1574 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, 255, 240) }
```


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

```
.border{ border-color:rgb(197, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(197, 255,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 235.9480, 1.9976, -34.1574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 240) }
```

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

```
.background{ background-color: rgb(197,  
255, 240) }
```

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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