

Converting Colors

YUV(236.7830, 8.9810,
-34.0127)

Have a look what the booklet for
YUV(236.7830, 8.9810, -34.0127)
contains.

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Color

**YUV(236.7830, 8.9810,
-34.0127)**

Conversions

Conversions Part 1

Format	Color
Hex	C6FDFF
RGB	198, 253, 255
RGB Percent	78%, 99%, 100%
CMY	0.2235, 0.0078, 0.0000
CMYK	0.22, 0.01, 0.00, 0.00
HSL	182°, 100%, 89%
HSV	182°, 22%, 100%
XYZ	76.4640, 89.4763, 107.8483
YIQ	236.7830, -33.4220, -11.0380

Conversions

Conversions Part 2

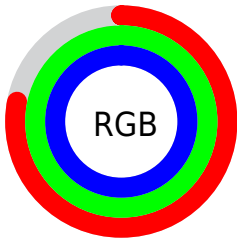
Format	Color
R_{YB}	198, 226, 255
Decimal	13041151
CIE _{Lab}	95.78, -16.78, -6.64
CIE _{LCh}	96, 18.048, 201.593
Yxy	89.4763, 0.2793, 0.3268
Android (android.graphics.Color)	4291231231 (0xFFC6FDFF)
YUV	236.7830, 8.9810, -34.0127
Hunter-Lab	94.5919, -21.2443, -1.3847

Details

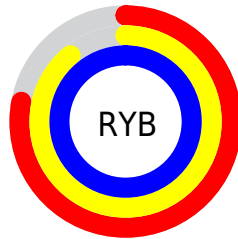
The YUV color $236.7830, 8.9810, -34.0127$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $216.2170, -8.9810, 34.0127$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.3810, 8.6862, -32.7831$ is the 20% darker color. If you saturate the color by 10%, you get $228.7210, 12.9555, -48.8673$, and if you desaturate by 10%, it is $245.1440, 4.8590, -18.5433$.

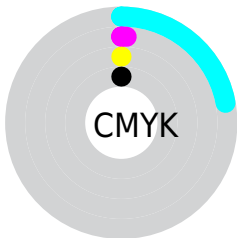
Distribution



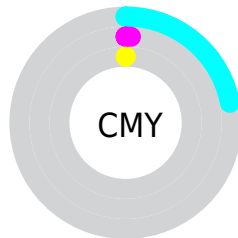
- Red (78%)
- Green (99%)
- Blue (100%)



- Red (78%)
- Yellow (89%)
- Blue (100%)



- Cyan (22%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.7830, 8.9810, -34.0127 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 236.7830, 8.9810, -34.0127 by changing the saturation by 10% instead.

■ 236.7830, 8.9810,
-34.0127

■ 236.7830, 8.9810,
-34.0127

255.0000, 0.0000,
0.0000

■ 208.0820, 8.8336,
-33.3979

■ 180.3810, 8.6862,
-32.7831

■ 153.3810, 8.6862,
-32.7831

■ 126.7940, 8.9756,
-32.2683

■ 101.6800, 8.5388,
-32.1684

■ 76.3810, 8.6862,
-32.7831

■ 50.4020, 10.1548,

-37.1866

■ 32.4740, 7.6543,
-28.4797

■ 18.3400, 4.2694,
-16.0842

■ 236.7830, 8.9810,
-34.0127

■ 236.7830, 8.9810,
-34.0127

■ 228.7210, 12.9555,
-48.8673

■ 245.1440, 4.8590,
-18.5433

■ 220.3600, 17.0775,
-64.3367

■ 253.2060, 0.8844,
-3.6887

■ 212.2980, 21.0521,
-79.1913

■ 255.0000, 0.0000,
0.0000

■ 203.9370, 25.1741,
-94.6607

■ 196.4620, 28.8592,
-110.0302

■ 188.1010, 32.9812,
-125.4996

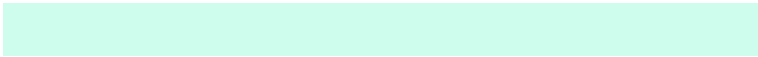
■ 180.0390, 36.9558,
-140.3542

■ 173.4720, 40.1933,
-152.1349

Harmonies

Analogous

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



237.1230, -0.0606, -27.2949



236.7830, 8.9810, -34.0127



236.8050, 8.9701, -30.5240

Triad

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



236.7830, 8.9810, -34.0127



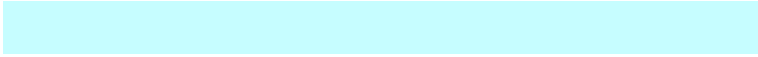
243.2600, 5.7878, 10.2960



240.9510, -15.7518, 12.3210

Complementary

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



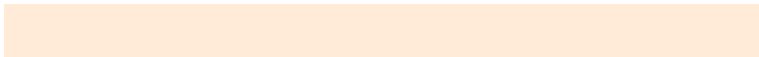
236.7830, 8.9810, -34.0127



216.2170, -8.9810, 34.0127

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.



238.8140, -11.2473, 14.1951



236.7830, 8.9810, -34.0127



240.1140, 3.8878, 13.0550

Square

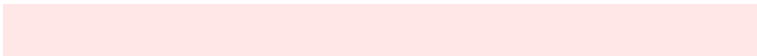
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.7830, 8.9810, -34.0127



241.7100, 6.5520, -1.4997



238.1760, -3.5378, 14.7546



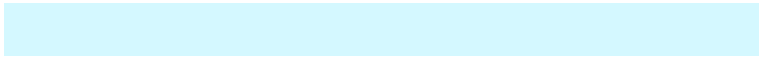
240.9990, -15.2825, 1.7549

Rectangle

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



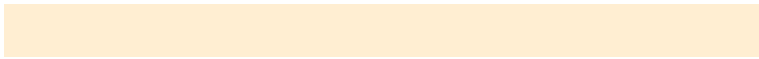
236.7830, 8.9810, -34.0127



238.0340, 8.3642, -22.8318



238.1760, -3.5378, 14.7546



239.8910, -14.7363, 13.2506

Sweetspot

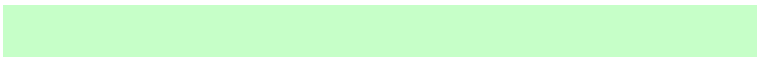
The Sweet Spot groups the original color and five complimentary colors.



236.7830, 8.9810, -34.0127



249.0310, 2.9427, -10.5512



231.6870, -15.6217, -29.5435



124.1240, 1.9109, -6.2477



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.



236.7830, 8.9810, -34.0127



233.1950, 10.7499, -41.3900



220.3470, 17.0839, -19.5983



123.5260, 2.2057, -7.4773



130.3690, 29.8911, -114.3336



43.6900, 10.0128, -38.3161

Inverse Universe

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



221.3130, 15.6217, 29.5435



214.2690, 19.0944, 35.7211



232.6530, -17.0839, 19.5983



120.2550, 3.3253, 6.7924



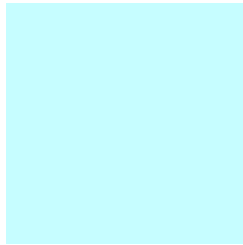
78.1990, 52.6529, 98.9265



26.2040, 17.6474, 33.1471

Previews

White Background



This preview shows how the YUV color 236.7830, 8.9810, -34.0127 looks on a white background.

Color Contrast Check

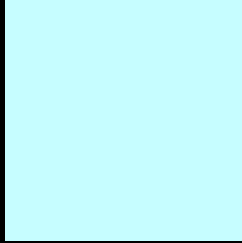
Large Text (above 18pt) WCAG AA × Fail

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 236.7830, 8.9810, -34.0127 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

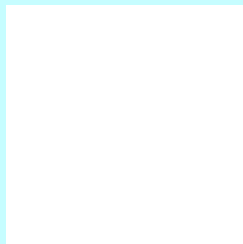
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.7830, 8.9810, -34.0127

Background



This preview shows how black text looks on a background with the YUV color 236.7830, 8.9810, -34.0127.



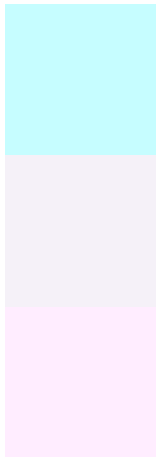
This preview shows how white text looks on a background with the YUV color 236.7830, 8.9810, -34.0127.

-34.0127.

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

236.7830, 8.9810, -34.0127

Protanopia

242.9940, 2.4680, 1.7593

Deuteranopia

244.4340, 5.2090, 9.2664



Tritanopia

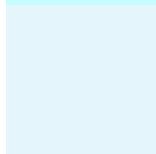
241.0460, 6.8793, -13.1953

Trichromacy



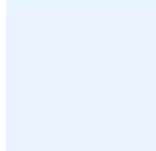
Original Color

236.7830, 8.9810, -34.0127



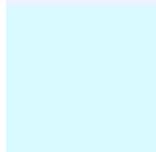
Protanomaly

240.6010, 5.1267, -11.0511



Deuteranomaly

241.6770, 6.5682, -6.7327



Tritanomaly

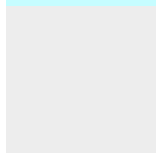
239.8170, 7.4852, -20.8875

Monochromacy



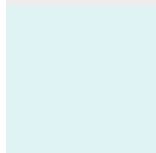
Original Color

236.7830, 8.9810, -34.0127



Achromatopsia

237.0000, 0.0000, 0.0000



Achromatomaly

237.1340, 3.3849, -12.3955

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.7830, 8.9810, -34.0127 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(198, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 253, 255)  
}
```

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(198, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 253, 255) }
```

Border

The CSS property to change the border of an element to YUV 236.7830, 8.9810, -34.0127 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(198, 253, 255) }
```


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

```
.border{ border-color:rgb(198, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 253,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 236.7830, 8.9810, -34.0127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 253, 255) }
```

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

```
.background{ background-color: rgb(198,  
253, 255) }
```

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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