

Converting Colors

YUV(235.3210, 9.7017,
-31.8535)

Have a look what the booklet for
YUV(235.3210, 9.7017, -31.8535)
contains.

YUV(235.3210, 9.7017, -31.8535)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(235.3210, 9.7017,
-31.8535)**

Conversions

Conversions Part 1

Format	Color
Hex	C7FAFF
RGB	199, 250, 255
RGB Percent	78%, 98%, 100%
CMY	0.2196, 0.0196, 0.0000
CMYK	0.22, 0.02, 0.00, 0.00
HSL	185°, 100%, 89%
HSV	185°, 22%, 100%
XYZ	75.7888, 87.7333, 107.5475
YIQ	235.3210, -32.0010, -9.2570

Conversions

Conversions Part 2

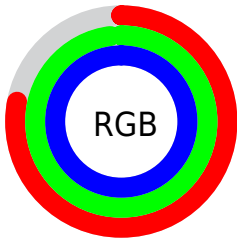
Format	Color
R_{YB}	199, 226, 255
Decimal	13105919
CIE _{Lab}	95.05, -15.01, -7.72
CIE _{LCh}	95, 16.873, 207.213
Yxy	87.7333, 0.2796, 0.3237
Android (android.graphics.Color)	4291295999 (0xFFC7FAFF)
YUV	235.3210, 9.7017, -31.8535
Hunter-Lab	93.6661, -19.4845, -2.5106

Details

The YUV color $235.3210, 9.7017, -31.8535$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $218.6790, -9.7017, 31.8535$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.9190, 9.4069, -30.6240$ is the 20% darker color. If you saturate the color by 10%, you get $226.6720, 13.9657, -46.1933$, and if you desaturate by 10%, it is $244.2690, 5.2904, -16.8989$.

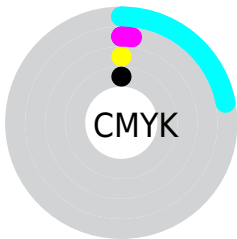
Distribution



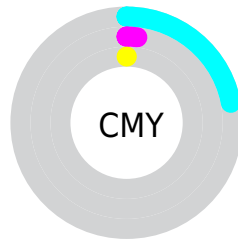
- Red (78%)
- Green (98%)
- Blue (100%)



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



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.3210, 9.7017, -31.8535 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 235.3210, 9.7017, -31.8535 by changing the saturation by 10% instead.

■ 235.3210, 9.7017,
-31.8535

■ 235.3210, 9.7017,
-31.8535

255.0000, 0.0000,
0.0000

■ 206.6200, 9.5543,
-31.2387

■ 178.9190, 9.4069,
-30.6240

■ 151.9190, 9.4069,
-30.6240

■ 125.9190, 9.4069,
-30.6240

■ 100.2180, 9.2595,
-30.0092

■ 75.8050, 8.9701,
-30.5240

■ 50.4240, 10.1440,

-33.6978

■ 31.3000, 8.2331,
-27.4501

■ 17.1660, 4.8482,
-15.0546

■ 235.3210, 9.7017,
-31.8535

■ 235.3210, 9.7017,
-31.8535

■ 226.6720, 13.9657,
-46.1933

■ 244.2690, 5.2904,
-16.8989

■ 217.1370, 18.6665,
-60.6331

■ 253.5050, 0.7370,
-3.0739

■ 208.1890, 23.0778,
-75.5878

■ 255.0000, 0.0000,
0.0000

■ 199.5400, 27.3418,
-89.9276

■ 190.5920, 31.7531,
-104.8822

■ 181.3560, 36.3065,
-118.7072

■ 172.4080, 40.7179,
-133.6618

■ 165.2540, 44.2448,
-144.9278

Harmonies

Analogous

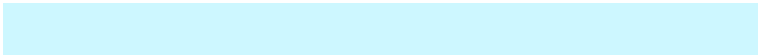
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.2910, 1.8285, -26.5652



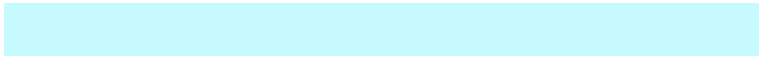
235.3210, 9.7017, -31.8535



235.3540, 9.6855, -26.6205

Triad

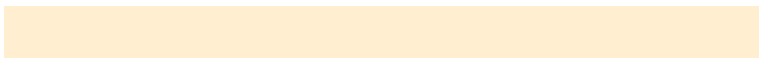
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.3210, 9.7017, -31.8535



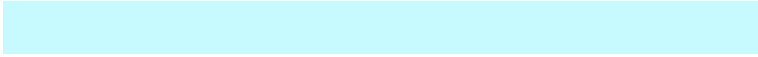
241.4990, 6.6560, 11.8404



240.2500, -15.8992, 12.9358

Complementary

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



235.3210, 9.7017, -31.8535



218.6790, -9.7017, 31.8535

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.



237.9990, -11.8315, 14.9099



235.3210, 9.7017, -31.8535



238.9570, 1.9932, 14.0697

Square

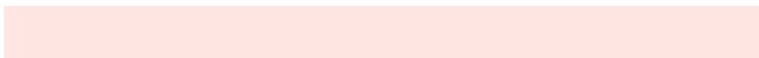
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.3210, 9.7017, -31.8535



240.5470, 7.1253, 1.2743



237.1330, -4.9956, 15.6694



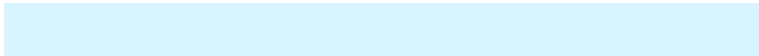
238.5580, -13.0931, -0.4894

Rectangle

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



235.3210, 9.7017, -31.8535



236.5830, 9.0796, -18.9283



237.1330, -4.9956, 15.6694



239.1900, -14.8837, 13.8654

Sweetspot

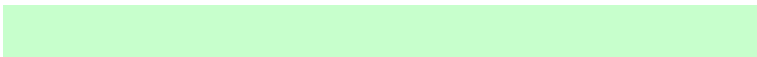
The Sweet Spot groups the original color and five complimentary colors.



235.3210, 9.7017, -31.8535



248.4440, 3.2321, -10.0364



232.4420, -14.0219, -29.3286



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.



235.3210, 9.7017, -31.8535



231.7440, 11.4652, -37.4865



218.8850, 17.8047, -17.4391



122.9390, 2.4951, -6.9625



123.9120, 33.0744, -108.6708



41.3420, 11.1704, -36.2569

Inverse Universe

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



221.5580, 14.0219, 29.3286



215.5740, 16.4790, 34.5766



235.1150, -17.8047, 17.4391



120.1410, 2.8885, 6.8923



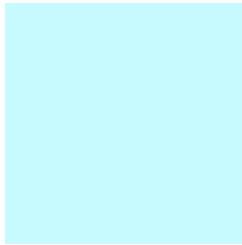
76.9450, 47.8481, 100.0262



25.7480, 15.9002, 33.5470

Previews

White Background



This preview shows how the YUV color 235.3210, 9.7017, -31.8535 looks on a white background.

Color Contrast Check

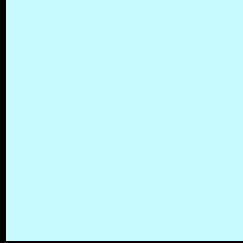
Large Text (above 18pt) WCAG AA × Fail

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 235.3210, 9.7017, -31.8535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

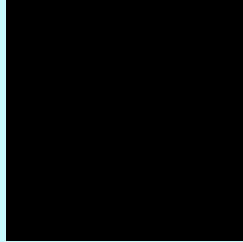
Any Text WCAG AA ✓ Pass

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 235.3210, 9.7017, -31.8535 Background



This preview shows how black text looks on a background with the YUV color 235.3210, 9.7017, -31.8535.



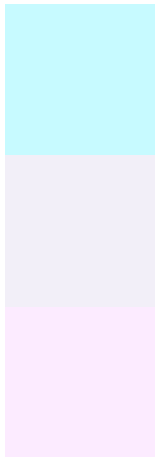
This preview shows how white text looks on a background with the YUV color 235.3210, 9.7017,

-31.8535.

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

235.3210, 9.7017, -31.8535

Protanopia

240.9230, 3.4890, 0.9445

Deuteranopia

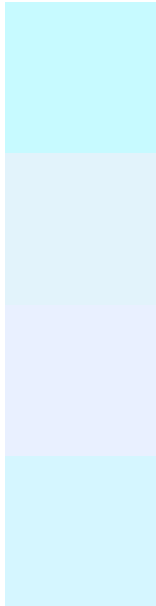
242.3630, 6.2300, 8.4516



Tritanopia

238.3770, 8.1951, -15.2396

Trichromacy



Original Color

235.3210, 9.7017, -31.8535

Protanomaly

238.8290, 6.0003, -11.2510

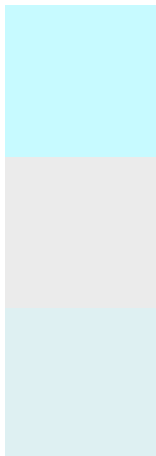
Deuteranomaly

239.6170, 7.5838, -5.8031

Tritanomaly

237.1590, 8.7956, -21.1874

Monochromacy



Original Color

235.3210, 9.7017, -31.8535

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

234.8460, 3.5269, -11.2659

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.3210, 9.7017, -31.8535 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(199, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 250, 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(199, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 250, 255) }
```

Border

The CSS property to change the border of an element to YUV 235.3210, 9.7017, -31.8535 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(199, 250, 255) }
```


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

```
.border{ border-color:rgb(199, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 250,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 235.3210, 9.7017, -31.8535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 250, 255) }
```

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

```
.background{ background-color: rgb(199,  
250, 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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