

Converting Colors

YUV(233.8650, 7.9546,
-31.4536)

Have a look what the booklet for
YUV(233.8650, 7.9546, -31.4536)
contains.

YUV(233.8650, 7.9546, -31.4536)	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(233.8650, 7.9546,
-31.4536)**

Conversions

Conversions Part 1

Format	Color
Hex	C6F9FA
RGB	198, 249, 250
RGB Percent	78%, 98%, 98%
CMY	0.2235, 0.0235, 0.0196
CMYK	0.21, 0.00, 0.00, 0.02
HSL	181°, 84%, 88%
HSV	181°, 21%, 98%
XYZ	74.4197, 86.6593, 103.2471
YIQ	233.8650, -30.7170, -10.5010

Conversions

Conversions Part 2

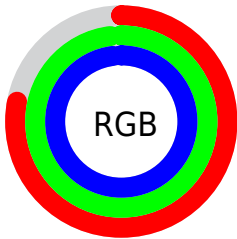
Format	Color
R_{YB}	198, 224, 250
Decimal	13040122
CIE _{Lab}	94.59, -15.85, -5.81
CIE _{LCh}	95, 16.884, 200.126
Yxy	86.6593, 0.2815, 0.3278
Android (android.graphics.Color)	4291230202 (0xFFC6F9FA)
YUV	233.8650, 7.9546, -31.4536
Hunter-Lab	93.0910, -20.2109, -0.5948

Details

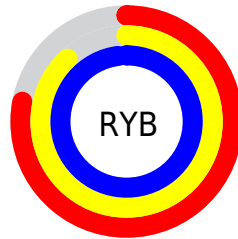
The YUV color $233.8650, 7.9546, -31.4536$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $214.1350, -7.9546, 31.4536$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.5770, 8.0965, -30.3240$ is the 20% darker color. If you saturate the color by 10%, you get $226.3900, 11.6397, -46.8230$, and if you desaturate by 10%, it is $241.3400, 4.2694, -16.0842$.

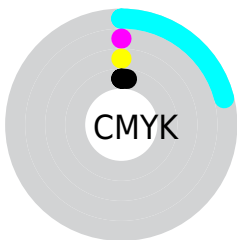
Distribution



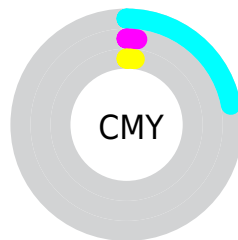
- Red (78%)
- Green (98%)
- Blue (98%)



- Red (78%)
- Yellow (88%)
- Blue (98%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 233.8650, 7.9546, -31.4536 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 233.8650, 7.9546, -31.4536 by changing the saturation by 10% instead.

233.8650, 7.9546,
-31.4536

233.8650, 7.9546,
-31.4536

255.0000, 0.0000,
0.0000

205.1640, 7.8071,
-30.8388

177.5770, 8.0965,
-30.3240

150.7620, 7.5123,
-29.6093

124.7620, 7.5123,
-29.6093

99.1750, 7.8017,
-29.0945

74.4630, 7.6597,
-30.2241

49.3810, 8.6862,

-32.7831

■ 30.3710, 7.2121,
-26.6354

■ 16.8240, 3.5378,
-14.7546

■ 233.8650, 7.9546,
-31.4536

■ 233.8650, 7.9546,
-31.4536

■ 226.3900, 11.6397,
-46.8230

■ 241.3400, 4.2694,
-16.0842

■ 218.3280, 15.6143,
-61.6777

■ 249.4020, 0.2948,
-1.2296

■ 210.8530, 19.2995,
-77.0471

■ 251.4950, -0.7370,
3.0739

■ 202.7910, 23.2740,
-91.9017

■ 252.0820, -1.0264,
2.5591

■ 195.3160, 26.9592,
-107.2711

■ 252.6690, -1.3158,
2.0443

■ 187.2540, 30.9338,
-122.1258

■ 253.2560, -1.6052,
1.5295

■ 179.7790, 34.6190,
-137.4952

■ 172.3150, 38.2987,
-151.1203

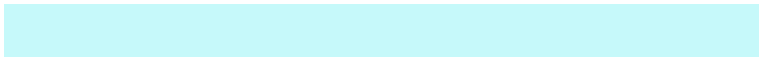
Harmonies

Analogous

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



234.3190, -0.6503, -24.8358



233.8650, 7.9546, -31.4536



234.1580, 10.2751, -29.0796

Triad

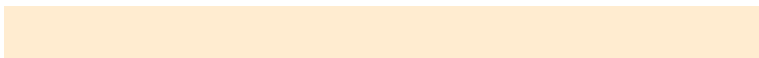
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.8650, 7.9546, -31.4536



241.4990, 6.6560, 11.8404



238.4890, -15.0311, 14.4801

Complementary

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



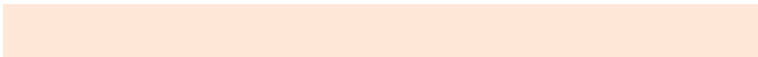
233.8650, 7.9546, -31.4536



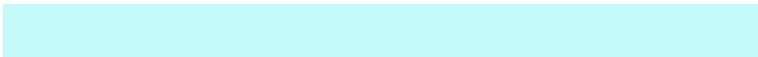
214.1350, -7.9546, 31.4536

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.



236.9390, -10.8159, 15.8395



233.8650, 7.9546, -31.4536



238.7120, 3.5930, 14.2846

Square

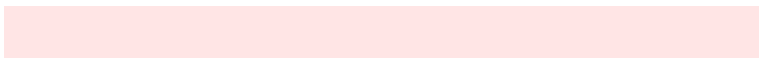
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.8650, 7.9546, -31.4536



238.7530, 8.0098, -2.4144



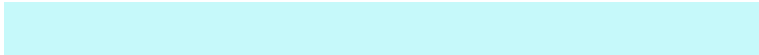
236.7740, -3.8326, 15.9842



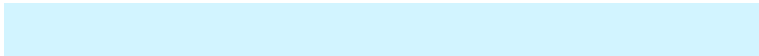
237.9390, -14.2669, 2.6845

Rectangle

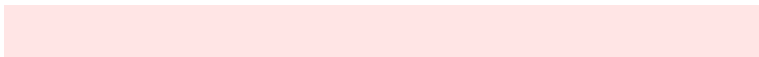
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.8650, 7.9546, -31.4536



235.0880, 9.8166, -22.0022



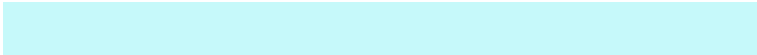
236.7740, -3.8326, 15.9842



238.0160, -14.3049, 14.8950

Sweetspot

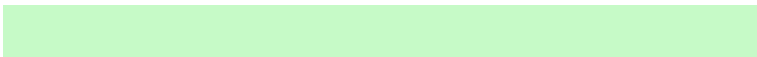
The Sweet Spot groups the original color and five complimentary colors.



233.8650, 7.9546, -31.4536



250.5150, 2.2111, -9.2217



228.6380, -14.6115, -26.8695



124.7220, 1.6161, -5.0182



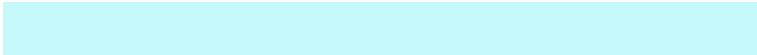
0.0000, 0.0000, 0.0000



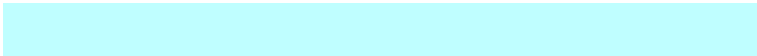
128.0000, 0.0000, 0.0000

Same Dimension

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



233.8650, 7.9546, -31.4536



235.2770, 9.7234, -38.8309



218.6030, 15.4787, -18.0688



121.1130, 1.9163, -7.9921



130.1410, 29.0175, -114.1337



42.1740, 9.2812, -36.9866

Inverse Universe

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



219.3620, 14.6115, 26.8695



217.3180, 18.0842, 33.0471



229.3970, -15.4787, 18.0688



117.3690, 3.7621, 6.6924



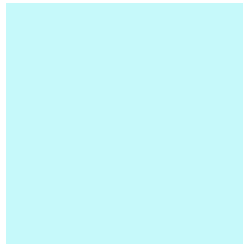
77.6010, 52.9477, 97.6969



25.0790, 17.2161, 31.5027

Previews

White Background



This preview shows how the YUV color 233.8650, 7.9546, -31.4536 looks on a white background.

Color Contrast Check

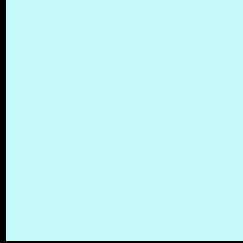
Large Text (above 18pt) WCAG AA × Fail

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 233.8650, 7.9546, -31.4536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

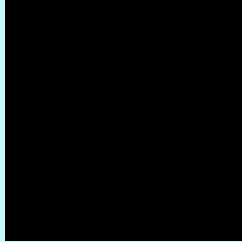
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.8650, 7.9546, -31.4536

Background



This preview shows how black text looks on a background with the YUV color 233.8650, 7.9546, -31.4536.



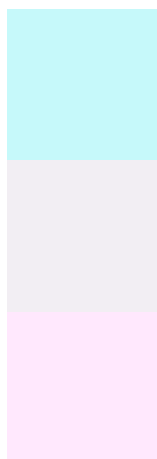
This preview shows how white text looks on a background with the YUV color 233.8650, 7.9546, -31.4536.

-31.4536.

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

233.8650, 7.9546, -31.4536

Protanopia

239.7660, 1.5944, 1.9592

Deuteranopia

241.2710, 5.7824, 12.0403



Tritanopia

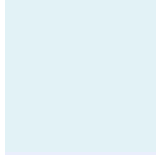
236.8930, 8.9268, -16.5692

Trichromacy



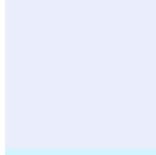
Original Color

233.8650, 7.9546, -31.4536



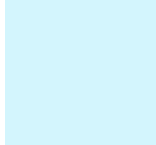
Protanomaly

237.6720, 4.1057, -10.2363



Deuteranomaly

238.4000, 6.7048, -3.8588



Tritanomaly

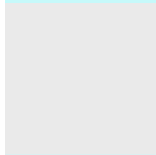
235.7460, 8.5062, -21.7022

Monochromacy



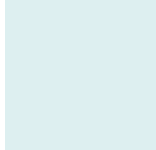
Original Color

233.8650, 7.9546, -31.4536



Achromatopsia

234.0000, 0.0000, 0.0000



Achromatomaly

233.7320, 3.0901, -11.1660

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.8650, 7.9546, -31.4536 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, 249, 250)` looks like.

```
.text, #text, p{  
    color:rgb(198, 249, 250)  
}
```

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, 249, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 249, 250) }
```

Border

The CSS property to change the border of an element to YUV 233.8650, 7.9546, -31.4536 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, 249, 250) }
```


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

```
.border{ border-color:rgb(198, 249, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 249, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 249, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 249, 250);  
box-shadow:4px 4px 4px 4px rgb(198, 249,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 233.8650, 7.9546, -31.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 249, 250) }
```

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

```
.background{ background-color: rgb(198,  
249, 250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor