

Converting Colors

YUV(231.3770, 1.2931,
-41.5496)

Have a look what the booklet for
YUV(231.3770, 1.2931, -41.5496)
contains.

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Color

**YUV(231.3770, 1.2931,
-41.5496)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FFEA
RGB	184, 255, 234
RGB Percent	72%, 100%, 92%
CMY	0.2784, 0.0000, 0.0824
CMYK	0.28, 0.00, 0.08, 0.00
HSL	162°, 100%, 86%
HSV	162°, 28%, 100%
XYZ	70.3784, 87.6509, 91.0509
YIQ	231.3770, -35.5750, -21.5830

Conversions

Conversions Part 2

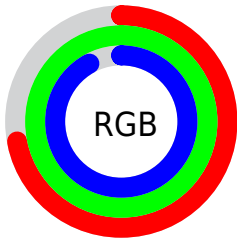
Format	Color
RYB	184, 226, 255
Decimal	12124138
CIELab	95.01, -26.16, 2.98
CIElCh	95, 26.331, 173.506
Yxy	87.6509, 0.2826, 0.3519
Android (android.graphics.Color)	4290314218 (0xFFB8FFEA)
YUV	231.3770, 1.2931, -41.5496
Hunter-Lab	93.6220, -29.6549, 7.8737

Details

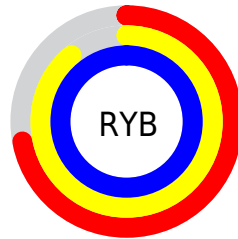
The YUV color $231.3770, 1.2931, -41.5496$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $207.6230, -1.2931, 41.5496$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8140, 2.0637, -8.6069$, and $175.0890, 1.4351, -40.4201$ is the 20% darker color. If you saturate the color by 10%, you get $222.9900, 1.4839, -56.1192$, and if you desaturate by 10%, it is $240.0630, 0.9549, -26.3653$.

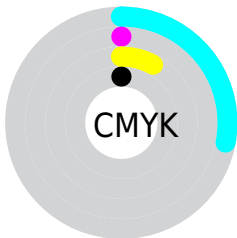
Distribution



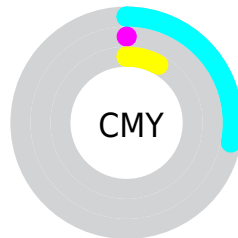
- Red (72%)
- Green (100%)
- Blue (92%)



- Red (72%)
- Yellow (89%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (28%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.3770, 1.2931, -41.5496 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 231.3770, 1.2931, -41.5496 by changing the saturation by 10% instead.

231.3770, 1.2931,
-41.5496

231.3770, 1.2931,
-41.5496

255.0000, 0.0000,
0.0000

202.7900, 1.5825,
-41.0348

250.8140, 2.0637,
-8.6069

175.0890, 1.4351,
-40.4201

148.2030, 1.8719,
-40.5200

121.6160, 2.1613,
-40.0052

95.4310, 2.7455,
-40.7200

69.3490, 3.7719,
-43.2791

46.6590, 3.6191,

-40.9199

■ 30.7640, 1.1023,
-26.9800

■ 16.4020, -3.1562,
-14.3846

■ 231.3770, 1.2931,
-41.5496

■ 231.3770, 1.2931,
-41.5496

■ 222.9900, 1.4839,
-56.1192

■ 240.0630, 0.9549,
-26.3653

■ 214.4180, 2.2589,
-71.4036

■ 248.3360, 0.3274,
-11.6957

■ 205.7320, 2.5971,
-86.5880

■ 255.0000, 0.0000,
0.0000

■ 197.4590, 3.2247,
-101.2575

■ 189.0720, 3.4155,
-115.8271

■ 180.5000, 4.1905,
-131.1115

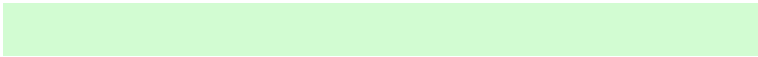
■ 172.1130, 4.3813,
-145.6811

■ 170.2050, 4.8289,
-149.2698

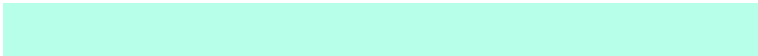
Harmonies

Analogous

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



234.6540, -12.1544, -21.6216



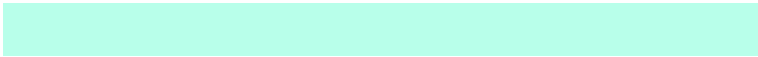
231.3770, 1.2931, -41.5496



229.8840, 12.3822, -51.6413

Triad

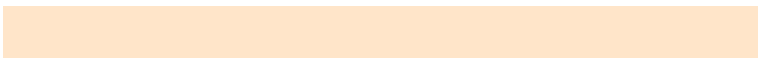
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.3770, 1.2931, -41.5496



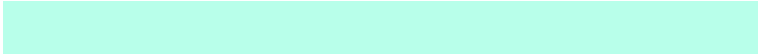
238.7640, 8.0043, -0.6700



233.5820, -16.0629, 18.7836

Complementary

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



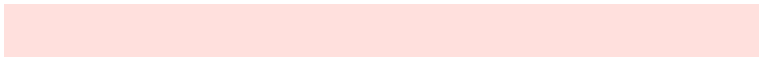
231.3770, 1.2931, -41.5496



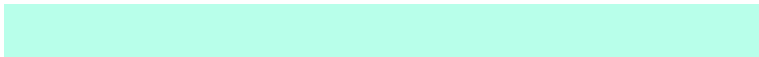
207.6230, -1.2931, 41.5496

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.



232.9270, -5.8800, 19.3580



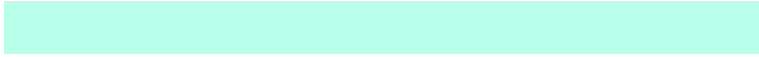
231.3770, 1.2931, -41.5496



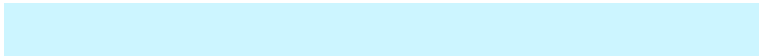
239.1510, 7.8136, 13.8996

Square

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



231.3770, 1.2931, -41.5496



233.8810, 10.4117, -26.2056



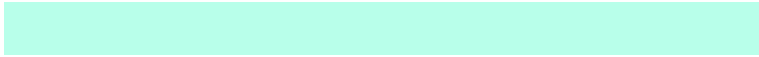
235.3040, 5.7661, 17.2734



237.0240, -23.1828, 15.7650

Rectangle

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



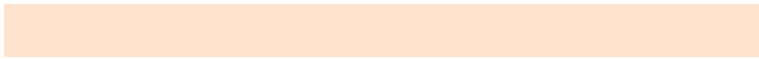
231.3770, 1.2931, -41.5496



229.3080, 12.6662, -49.3821



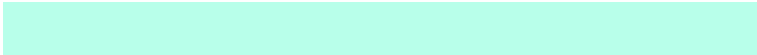
235.3040, 5.7661, 17.2734



233.0920, -12.8634, 19.2133

Sweetspot

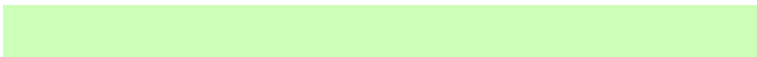
The Sweet Spot groups the original color and five complimentary colors.



231.3770, 1.2931, -41.5496



248.3360, 0.3274, -11.6957



231.9560, -23.6423, -23.6404



123.6570, 0.1691, -7.5922



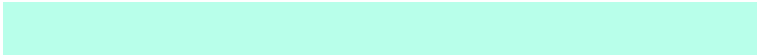
0.0000, 0.0000, 0.0000



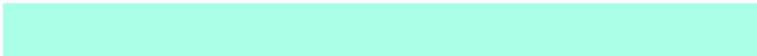
128.0000, 0.0000, 0.0000

Same Dimension

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



231.3770, 1.2931, -41.5496



227.0340, 1.4622, -49.1418



225.5530, 14.5174, -36.4420



123.6570, 0.1691, -7.5922



127.5070, 3.6940, -111.8236



42.6980, 1.1349, -37.4461

Inverse Universe

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



207.6230, -1.2931, 41.5496



198.9660, -1.4622, 49.1418



213.4470, -14.5174, 36.4420



119.3430, -0.1691, 7.5922



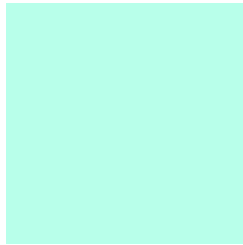
63.6070, -3.2573, 111.7237



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 231.3770, 1.2931, -41.5496 looks on a white background.

Color Contrast Check

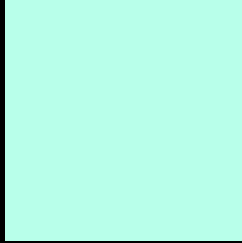
Large Text (above 18pt) WCAG AA × Fail

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 231.3770, 1.2931, -41.5496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

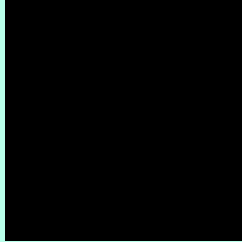
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

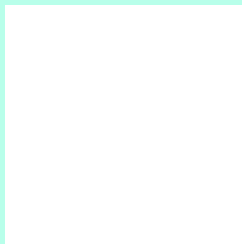
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 231.3770, 1.2931, -41.5496

Background



This preview shows how black text looks on a background with the YUV color 231.3770, 1.2931, -41.5496.



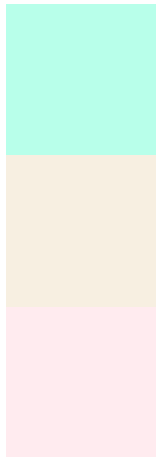
This preview shows how white text looks on a background with the YUV color 231.3770, 1.2931, -41.5496.

-41.5496.

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

231.3770, 1.2931, -41.5496

Protanopia

239.7960, -7.2944, 6.3179

Deuteranopia

241.4360, -1.2009, 11.8956



Tritanopia

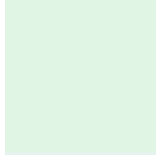
238.0670, 8.3480, -17.5988

Trichromacy



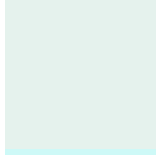
Original Color

231.3770, 1.2931, -41.5496



Protanomaly

236.7830, -4.3300, -11.2107



Deuteranomaly

237.5430, -0.2677, -7.4922



Tritanomaly

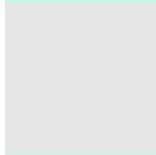
235.9150, 5.4649, -26.2355

Monochromacy



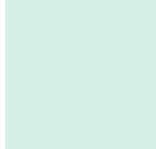
Original Color

231.3770, 1.2931, -41.5496



Achromatopsia

231.0000, 0.0000, 0.0000



Achromatomaly

231.3140, 0.3382, -15.1844

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.3770, 1.2931, -41.5496 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(184, 255, 234)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 234)  
}
```

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(184, 255, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 234) }
```

Border

The CSS property to change the border of an element to YUV 231.3770, 1.2931, -41.5496 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(184, 255, 234) }
```


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

```
.border{ border-color:rgb(184, 255, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 255, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 231.3770, 1.2931, -41.5496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 234) }
```

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

```
.background{ background-color: rgb(184,  
255, 234) }
```

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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