

Converting Colors

YUV(232.1170, -1.0437,
-38.6906)

Have a look what the booklet for
YUV(232.1170, -1.0437, -38.6906)
contains.

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Color

**YUV(232.1170, -1.0437,
-38.6906)**

Conversions

Conversions Part 1

Format	Color
Hex	BCFFE6
RGB	188, 255, 230
RGB Percent	74%, 100%, 90%
CMY	0.2627, 0.0000, 0.0980
CMYK	0.26, 0.00, 0.10, 0.00
HSL	158°, 100%, 87%
HSV	158°, 26%, 100%
XYZ	70.7820, 87.9245, 88.1034
YIQ	232.1170, -31.9070, -21.9790

Conversions

Conversions Part 2

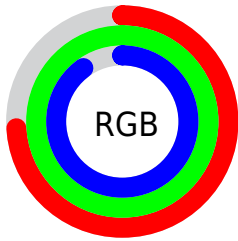
Format	Color
RYB	188, 229, 255
Decimal	12386278
CIELab	95.13, -25.80, 5.23
CIELCh	95, 26.322, 168.533
Yxy	87.9245, 0.2868, 0.3562
Android (android.graphics.Color)	4290576358 (0xFFBCFFE6)
YUV	232.1170, -1.0437, -38.6906
Hunter-Lab	93.7681, -29.3513, 9.9294

Details

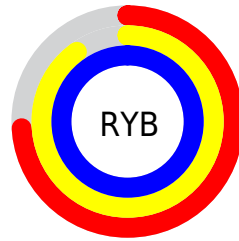
The YUV color $232.1170, -1.0437, -38.6906$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $210.8830, 1.0437, 38.6906$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0100, 1.4741, -6.1478$, and $175.9430, -0.4649, -37.6610$ is the 20% darker color. If you saturate the color by 10%, you get $223.5020, -1.7265, -53.0603$, and if you desaturate by 10%, it is $241.0310, -0.5083, -23.7062$.

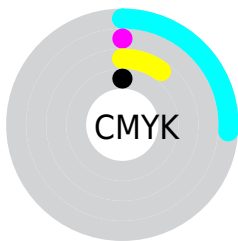
Distribution



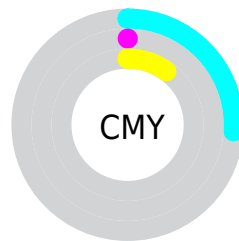
- Red (74%)
- Green (100%)
- Blue (90%)



- Red (74%)
- Yellow (90%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (26%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.1170, -1.0437, -38.6906 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 232.1170, -1.0437, -38.6906 by changing the saturation by 10% instead.

 232.1170, -1.0437,
-38.6906

 232.1170, -1.0437,
-38.6906

255.0000, 0.0000,
0.0000

 203.5300, -0.7543,
-38.1758

 252.0100, 1.4741,
-6.1478

 175.9430, -0.4649,
-37.6610

 149.2420, -0.6123,
-37.0462

 122.6550, -0.3229,
-36.5314

 96.7690, 0.1139,
-36.6314

 71.1000, 1.4297,
-38.6757

 46.3170, 2.3087,

-40.6200

■ 30.4220, -0.2080,
-26.6801

■ 16.4190, -5.6296,
-14.3995

■ 232.1170, -1.0437,
-38.6906

■ 232.1170, -1.0437,
-38.6906

■ 223.5020, -1.7265,
-53.0603

■ 241.0310, -0.5083,
-23.7062

■ 214.7020, -1.8251,
-68.1447

■ 249.5320, -0.2623,
-9.2366

■ 206.0870, -2.5079,
-82.5143

255.0000, 0.0000,
0.0000

■ 197.2870, -2.6065,
-97.5987

■ 188.6720, -3.2893,
-111.9683

■ 179.8720, -3.3879,
-127.0527

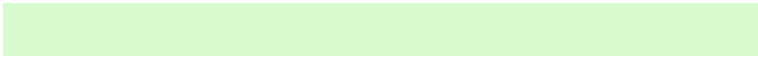
■ 171.2570, -4.0707,
-141.4224

■ 167.9250, -3.9070,
-147.2702

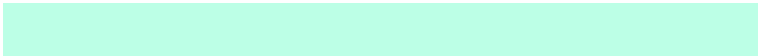
Harmonies

Analogous

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



235.2200, -13.9125, -17.7329



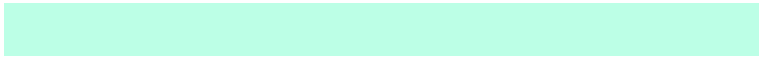
232.1170, -1.0437, -38.6906



230.1830, 12.2348, -51.0265

Triad

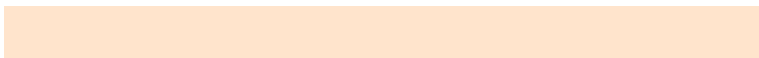
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.1170, -1.0437, -38.6906



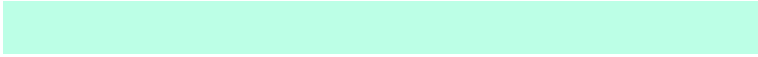
238.4430, 8.1626, -4.7735



233.3370, -14.4631, 18.9985

Complementary

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



232.1170, -1.0437, -38.6906



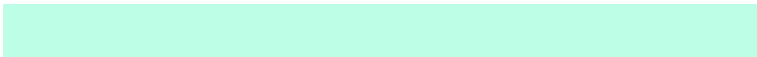
210.8830, 1.0437, 38.6906

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.



232.9100, -3.4066, 19.3729



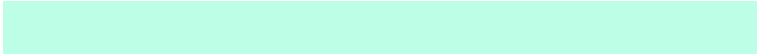
232.1170, -1.0437, -38.6906



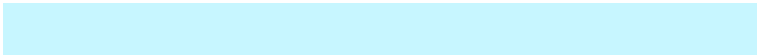
239.7380, 7.5242, 13.3848

Square

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



232.1170, -1.0437, -38.6906



232.9730, 10.8593, -29.7943



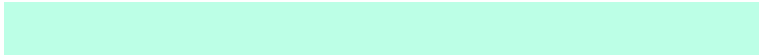
236.4610, 7.6607, 16.2587



236.6650, -22.0198, 16.0798

Rectangle

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



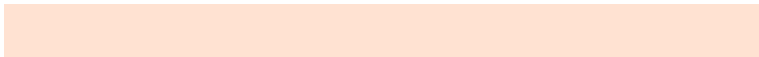
232.1170, -1.0437, -38.6906



229.5960, 12.5242, -50.5117



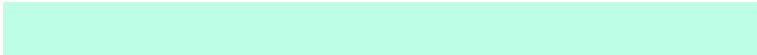
236.4610, 7.6607, 16.2587



232.8470, -11.2636, 19.4282

Sweetspot

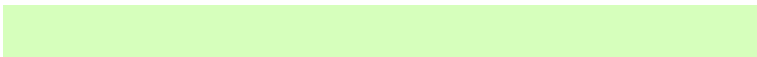
The Sweet Spot groups the original color and five complimentary colors.



232.1170, -1.0437, -38.6906



248.1080, -0.5462, -11.4957



235.1030, -23.2218, -18.5073



123.5430, -0.2677, -7.4922



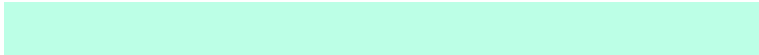
0.0000, 0.0000, 0.0000



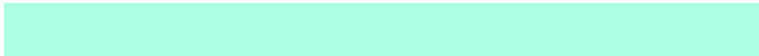
128.0000, 0.0000, 0.0000

Same Dimension

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



232.1170, -1.0437, -38.6906



227.0620, -1.0166, -47.4124



230.2710, 12.1914, -37.0717



123.5430, -0.2677, -7.4922



125.7970, -2.8579, -110.3240



42.1280, -1.0491, -36.9463

Inverse Universe

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



210.8830, 1.0437, 38.6906



201.0520, 1.4534, 47.3124



212.7290, -12.1914, 37.0717



119.4570, 0.2677, 7.4922



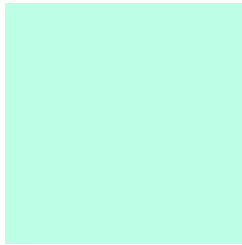
65.2030, 2.8579, 110.3240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 232.1170, -1.0437, -38.6906 looks on a white background.

Color Contrast Check

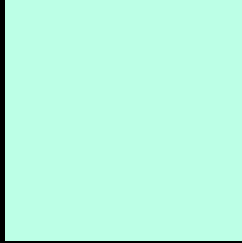
Large Text (above 18pt) WCAG AA × Fail

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 232.1170, -1.0437, -38.6906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

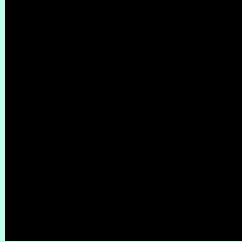
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

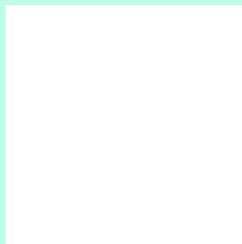
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 232.1170, -1.0437, -38.6906

Background



This preview shows how black text looks on a background with the YUV color 232.1170, -1.0437, -38.6906.



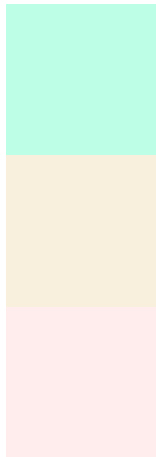
This preview shows how white text looks on a background with the YUV color 232.1170, -1.0437, -38.6906.

-38.6906.

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

232.1170, -1.0437, -38.6906

Protanopia

239.9380, -9.3364, 7.9474

Deuteranopia

241.7950, -2.3639, 11.5808



Tritanopia

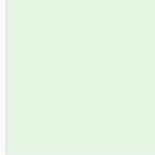
238.6650, 8.0532, -16.3692

Trichromacy



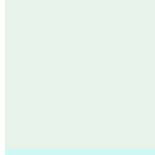
Original Color

232.1170, -1.0437, -38.6906



Protanomaly

237.2240, -6.5194, -8.9664



Deuteranomaly

238.3860, -2.1623, -6.4775



Tritanomaly

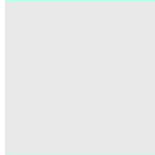
236.3990, 4.7333, -24.9059

Monochromacy



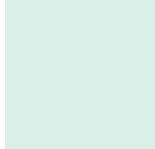
Original Color

232.1170, -1.0437, -38.6906



Achromatopsia

232.0000, 0.0000, 0.0000



Achromatomaly

231.7980, -0.3934, -13.8548

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.1170, -1.0437, -38.6906 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(188, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(188, 255, 230)  
}
```

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(188, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 255, 230) }
```

Border

The CSS property to change the border of an element to YUV 232.1170, -1.0437, -38.6906 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(188, 255, 230) }
```


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

```
.border{ border-color:rgb(188, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(188, 255,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 232.1170, -1.0437, -38.6906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 255, 230) }
```

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

```
.background{ background-color: rgb(188,  
255, 230) }
```

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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