

Converting Colors

YUV(228.3570, -5.1060,
-42.4091)

Have a look what the booklet for
YUV(228.3570, -5.1060, -42.4091)
contains.

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Color

**YUV(228.3570, -5.1060,
-42.4091)**

Conversions

Conversions Part 1

Format	Color
Hex	B4FFDA
RGB	180, 255, 218
RGB Percent	71%, 100%, 85%
CMY	0.2941, 0.0000, 0.1451
CMYK	0.29, 0.00, 0.15, 0.00
HSL	150°, 100%, 85%
HSV	150°, 29%, 100%
XYZ	67.2373, 86.2853, 79.4406
YIQ	228.3570, -32.8230, -27.4070

Conversions

Conversions Part 2

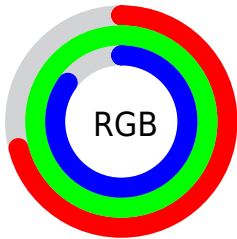
Format	Color
RYB	180, 230, 255
Decimal	11861978
CIELab	94.43, -30.50, 10.35
CIElCh	94, 32.206, 161.246
Yxy	86.2853, 0.2886, 0.3704
Android (android.graphics.Color)	4290052058 (0xFFB4FFDA)
YUV	228.3570, -5.1060, -42.4091
Hunter-Lab	92.8899, -33.3520, 14.3173

Details

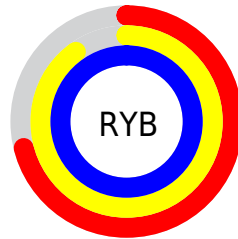
The YUV color **228.3570, -5.1060, -42.4091** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **206.6430, 5.1060, 42.4091**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.6180, 2.6533, -11.0660**, and **172.1830, -4.5272, -41.3795** is the 20% darker color. If you saturate the color by 10%, you get **219.4000, -7.0992, -56.4788**, and if you desaturate by 10%, it is **237.6130, -3.2602, -27.7246**.

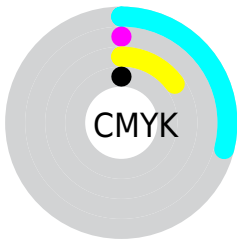
Distribution



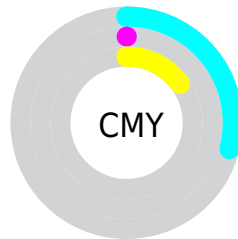
- Red (71%)
- Green (100%)
- Blue (85%)



- Red (71%)
- Yellow (90%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.3570, -5.1060, -42.4091 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 228.3570, -5.1060, -42.4091 by changing the saturation by 10% instead.


 228.3570, -5.1060,
-42.4091


 228.3570, -5.1060,
-42.4091


255.0000, 0.0000,
0.0000


 199.7700, -4.8166,
-41.8943

 249.6180, 2.6533,
-11.0660

 172.1830, -4.5272,
-41.3795

 144.7100, -3.8010,
-40.9647

 118.7100, -3.8010,
-40.9647

 92.6390, -2.7800,
-41.7794

 65.7740, -0.8746,
-46.2828

 45.2910, -1.6225,

-39.7202

■ 29.3960, -4.1392,
-25.7803

■ 14.0880, -6.9454,
-12.3552

■ 228.3570, -5.1060,
-42.4091

■ 228.3570, -5.1060,
-42.4091

■ 219.4000, -7.0992,
-56.4788

■ 237.6130, -3.2602,
-27.7246

■ 210.2580, -8.5082,
-71.2633

■ 246.4560, -1.7038,
-13.5549

■ 201.3010,
-10.5014, -85.3330

■ 255.0000, 0.0000,
0.0000

■ 192.1590,
-11.9104, -100.1174

■ 183.2020,
-13.9036, -114.1872

■ 174.0600,
-15.3126, -128.9716

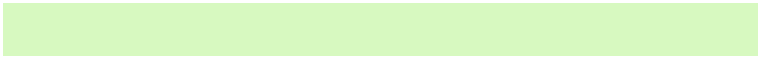
■ 165.1030,
-17.3058, -143.0413

■ 164.3910,
-17.4478, -144.1709

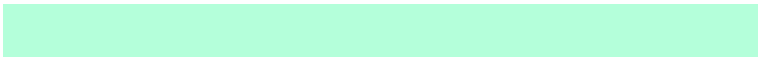
Harmonies

Analogous

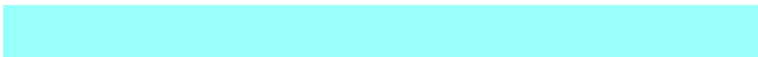
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.3360, -19.8856, -15.2037



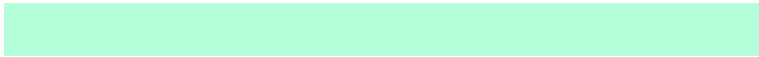
228.3570, -5.1060, -42.4091



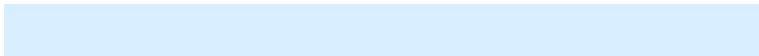
223.9320, 12.8515, -62.2074

Triad

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



228.3570, -5.1060, -42.4091



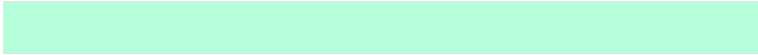
233.6590, 10.5211, -14.6099



228.6580, -14.6214, 23.1019

Complementary

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



228.3570, -5.1060, -42.4091



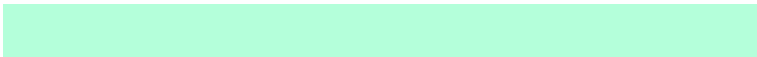
206.6430, 5.1060, 42.4091

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.



229.0290, -0.5073, 22.7766



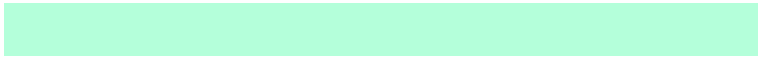
228.3570, -5.1060, -42.4091



238.5640, 8.1029, 14.4144

Square

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



228.3570, -5.1060, -42.4091



226.9710, 13.8183, -45.5786



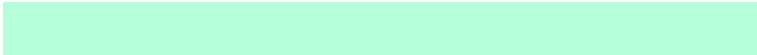
233.8680, 10.4181, 18.5328



231.8890, -25.0883, 20.2683

Rectangle

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



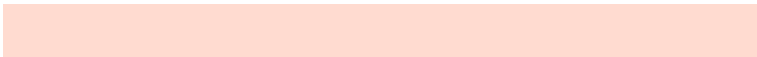
228.3570, -5.1060, -42.4091



222.7080, 15.9200, -66.3959



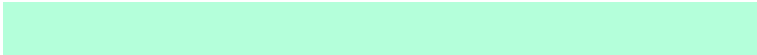
233.8680, 10.4181, 18.5328



228.5100, -10.1114, 23.2317

Sweetspot

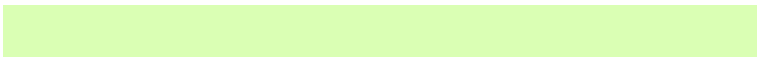
The Sweet Spot groups the original color and five complimentary colors.



228.3570, -5.1060, -42.4091



246.8690, -1.4144, -13.0401



235.3870, -27.3058, -15.2484



122.7170, -0.8465, -8.5218



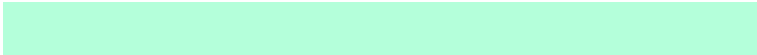
0.0000, 0.0000, 0.0000



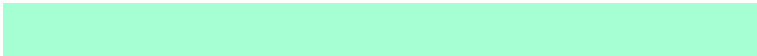
128.0000, 0.0000, 0.0000

Same Dimension

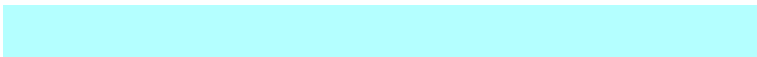
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.3570, -5.1060, -42.4091



223.3730, -6.0999, -50.3161



232.5750, 11.0555, -46.1083



123.3150, -1.1413, -7.2923



123.1750, -12.9043, -108.0245



41.2160, -4.5435, -36.1464

Inverse Universe

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



206.6430, 5.1060, 42.4091



197.6270, 6.0999, 50.3161



202.4250, -11.0555, 46.1083



119.5710, 0.7045, 7.3922



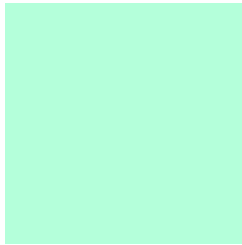
67.8250, 12.9043, 108.0245



22.6700, 4.1067, 36.2464

Previews

White Background



This preview shows how the YUV color 228.3570, -5.1060, -42.4091 looks on a white background.

Color Contrast Check

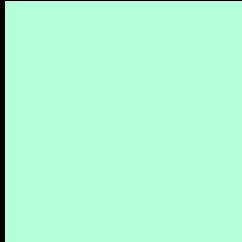
Large Text (above 18pt) WCAG AA × Fail

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 228.3570, -5.1060, -42.4091 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 228.3570, -5.1060, -42.4091 Background



This preview shows how black text looks on a background with the YUV color 228.3570, -5.1060, -42.4091.



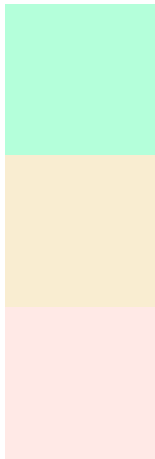
This preview shows how white text looks on a background with the YUV color 228.3570, -5.1060,

-42.4091.

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

228.3570, -5.1060, -42.4091

Protanopia

237.3960, -13.9992, 10.1767

Deuteranopia

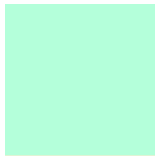
239.2360, -4.5533, 13.8250



Tritanopia

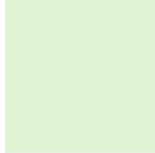
235.9850, 9.3744, -20.1578

Trichromacy



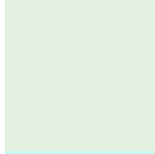
Original Color

228.3570, -5.1060, -42.4091



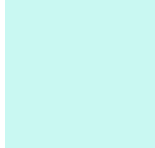
Protanomaly

234.3720, -11.0294, -9.0962



Deuteranomaly

235.4030, -4.6357, -6.4924



Tritanomaly

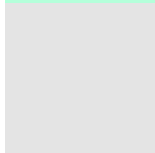
233.2630, 4.3073, -28.2947

Monochromacy



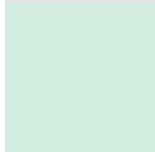
Original Color

228.3570, -5.1060, -42.4091



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

228.3310, -2.1352, -15.1993

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.3570, -5.1060, -42.4091 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(180, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(180, 255, 218)  
}
```

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(180, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 255, 218) }
```

Border

The CSS property to change the border of an element to YUV 228.3570, -5.1060, -42.4091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

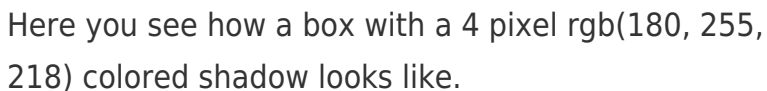
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 255, 218) }
```


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

```
.border{ border-color:rgb(180, 255, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 255, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 255, 218); box-shadow:4px 4px 4px 4px rgb(180, 255, 218) }
```

Background

The CSS property to change the background color of an element to YUV 228.3570, -5.1060, -42.4091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 255, 218) }
```

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

```
.background{ background-color: rgb(180,  
255, 218) }
```

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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