

Converting Colors

YUV(230.9360, 3.4826,
-43.7939)

Have a look what the booklet for
YUV(230.9360, 3.4826, -43.7939)
contains.

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Color

**YUV(230.9360, 3.4826,
-43.7939)**

Conversions

Conversions Part 1

Format	Color
Hex	B5FFEE
RGB	181, 255, 238
RGB Percent	71%, 100%, 93%
CMY	0.2902, 0.0000, 0.0667
CMYK	0.29, 0.00, 0.07, 0.00
HSL	166°, 100%, 85%
HSV	166°, 29%, 100%
XYZ	70.2487, 87.5168, 94.0789
YIQ	230.9360, -38.6470, -20.9750

Conversions

Conversions Part 2

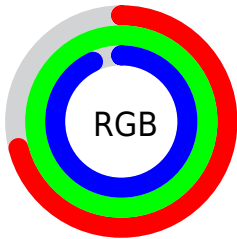
Format	Color
RYB	181, 223, 255
Decimal	11927534
CIELab	94.96, -26.20, 0.81
CIElCh	95, 26.209, 178.219
Yxy	87.5168, 0.2789, 0.3475
Android (android.graphics.Color)	4290117614 (0xFFB5FFEE)
YUV	230.9360, 3.4826, -43.7939
Hunter-Lab	93.5504, -29.6744, 5.8604

Details

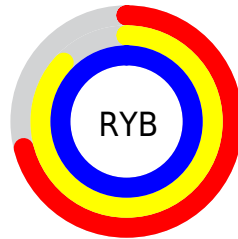
The YUV color $230.9360, 3.4826, -43.7939$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $205.0640, -3.4826, 43.7939$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9170, 2.5059, -10.4512$, and $174.6480, 3.6245, -42.6643$ is the 20% darker color. If you saturate the color by 10%, you get $222.7770, 4.5469, -58.5634$, and if you desaturate by 10%, it is $239.3940, 2.2708, -28.4095$.

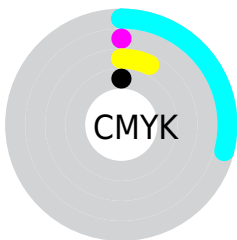
Distribution



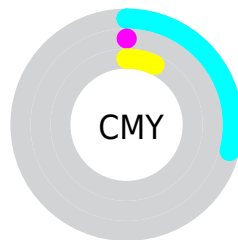
- Red (71%)
- Green (100%)
- Blue (93%)



- Red (71%)
- Yellow (87%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)




- Cyan (29%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.9360, 3.4826, -43.7939 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 230.9360, 3.4826, -43.7939 by changing the saturation by 10% instead.

 230.9360, 3.4826,
-43.7939

 230.9360, 3.4826,
-43.7939

255.0000, 0.0000,
0.0000

 202.3490, 3.7719,
-43.2791


 249.9170, 2.5059,
-10.4512

 174.6480, 3.6245,
-42.6643

 147.6480, 3.6245,
-42.6643

 120.7620, 4.0613,
-42.7643

 94.5770, 4.6455,
-43.4790

 67.0000, 6.4090,
-49.1120

 47.0010, 4.9295,

-41.2199

■ 31.1060, 2.4127,
-27.2800

■ 16.9720, -0.9722,
-14.8844

■ 230.9360, 3.4826,
-43.7939

■ 230.9360, 3.4826,
-43.7939

■ 222.7770, 4.5469,
-58.5634

■ 239.3940, 2.2708,
-28.4095

■ 214.3190, 5.7587,
-73.9478

■ 247.5530, 1.2064,
-13.6400

■ 206.1600, 6.8231,
-88.7173

■ 255.0000, 0.0000,
0.0000

■ 197.8160, 8.4717,
-104.2016

■ 189.6570, 9.5361,
-118.9712

■ 181.1990, 10.7479,
-134.3555

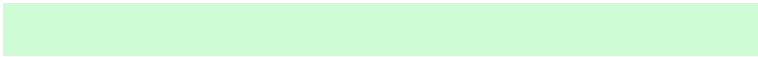
■ 173.0400, 11.8123,
-149.1251

■ 172.0290, 11.8177,
-150.8694

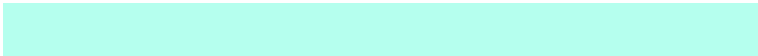
Harmonies

Analogous

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



233.5010, -10.1070, -24.9954



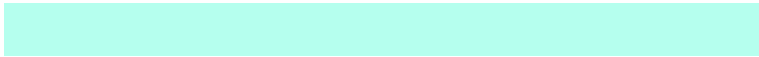
230.9360, 3.4826, -43.7939



229.2970, 12.6716, -51.1265

Triad

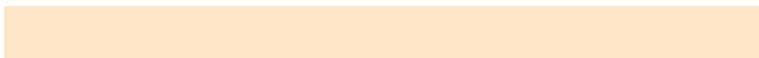
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.9360, 3.4826, -43.7939



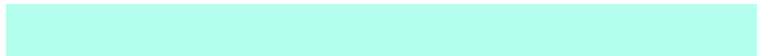
239.6720, 7.5567, 2.9187



233.8270, -17.6627, 18.5687

Complementary

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



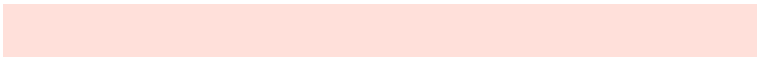
230.9360, 3.4826, -43.7939



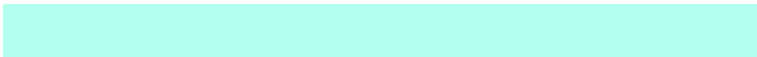
205.0640, -3.4826, 43.7939

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.



232.5850, -7.1904, 19.6580



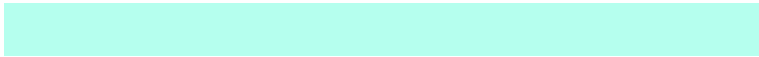
230.9360, 3.4826, -43.7939



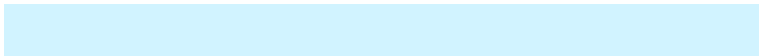
238.5640, 8.1029, 14.4144

Square

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



230.9360, 3.4826, -43.7939



234.2020, 10.2534, -22.1022



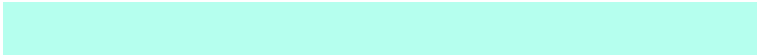
234.8480, 4.0189, 17.6733



237.6110, -23.4722, 15.2502

Rectangle

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



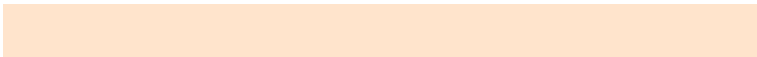
230.9360, 3.4826, -43.7939



229.3190, 12.6607, -47.6378



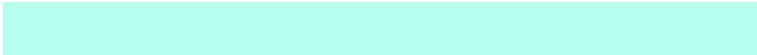
234.8480, 4.0189, 17.6733



233.3370, -14.4631, 18.9985

Sweetspot

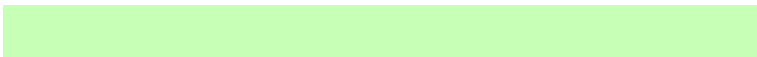
The Sweet Spot groups the original color and five complimentary colors.



230.9360, 3.4826, -43.7939



247.5530, 1.2064, -13.6400



229.5210, -23.9209, -27.6439



123.0590, 0.4639, -8.8217



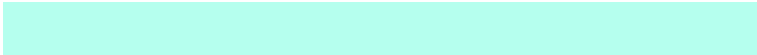
0.0000, 0.0000, 0.0000



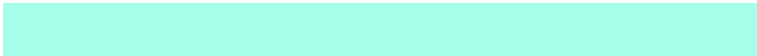
128.0000, 0.0000, 0.0000

Same Dimension

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



230.9360, 3.4826, -43.7939



225.9950, 3.9465, -52.6156



221.1340, 16.6959, -35.1975



123.7710, 0.6059, -7.6922



128.8750, 8.9356, -113.0234



43.1540, 2.8821, -37.8461

Inverse Universe

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



205.0640, -3.4826, 43.7939



194.8910, -4.3833, 52.7156



214.8660, -16.6959, 35.1975



119.2290, -0.6059, 7.6922



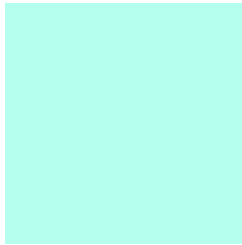
62.1250, -8.9356, 113.0234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 230.9360, 3.4826, -43.7939 looks on a white background.

Color Contrast Check

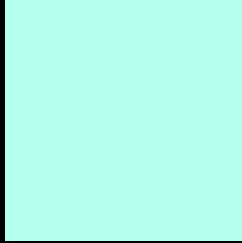
Large Text (above 18pt) WCAG AA × Fail

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 230.9360, 3.4826, -43.7939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

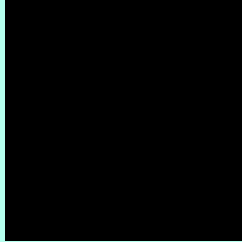
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

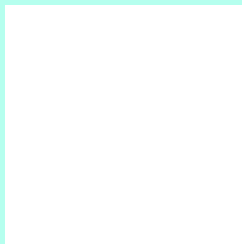
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.9360, 3.4826, -43.7939

Background



This preview shows how black text looks on a background with the YUV color 230.9360, 3.4826, -43.7939.



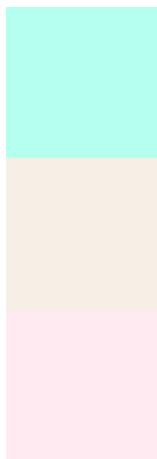
This preview shows how white text looks on a background with the YUV color 230.9360, 3.4826, -43.7939.

-43.7939.

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

230.9360, 3.4826, -43.7939

Protanopia

239.9530, -5.3998, 5.3032

Deuteranopia

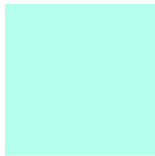
241.1910, 0.3988, 12.1105



Tritanopia

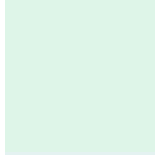
237.7680, 8.4954, -18.2135

Trichromacy



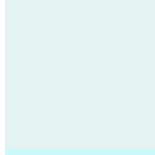
Original Color

230.9360, 3.4826, -43.7939



Protanomaly

236.6410, -2.2880, -12.8402



Deuteranomaly

237.7000, 1.6269, -8.5069



Tritanomaly

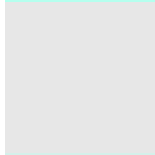
235.5450, 6.6333, -27.6650

Monochromacy



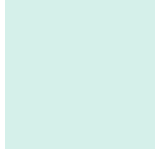
Original Color

230.9360, 3.4826, -43.7939



Achromatopsia

231.0000, 0.0000, 0.0000



Achromatomaly

231.2430, 1.3592, -15.9991

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.9360, 3.4826, -43.7939 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(181, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 238)  
}
```

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(181, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 238) }
```

Border

The CSS property to change the border of an element to YUV 230.9360, 3.4826, -43.7939 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(181, 255, 238) }
```


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

```
.border{ border-color:rgb(181, 255, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 230.9360, 3.4826, -43.7939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 238) }
```

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

```
.background{ background-color: rgb(181,  
255, 238) }
```

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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