

Converting Colors

YUV(231.4270, -1.1965,
-36.3315)

Have a look what the booklet for
YUV(231.4270, -1.1965, -36.3315)
contains.

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Color

**YUV(231.4270, -1.1965,
-36.3315)**

Conversions

Conversions Part 1

Format	Color
Hex	BEFDE5
RGB	190, 253, 229
RGB Percent	75%, 99%, 90%
CMY	0.2549, 0.0078, 0.1020
CMYK	0.25, 0.00, 0.09, 0.01
HSL	157°, 94%, 87%
HSV	157°, 25%, 99%
XYZ	70.5033, 86.8549, 87.1775
YIQ	231.4270, -29.8440, -20.8200

Conversions

Conversions Part 2

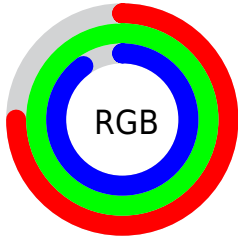
Format	Color
R _{YB}	190, 229, 253
Decimal	12516837
CIE _{Lab}	94.68, -24.44, 5.11
CIE _{LCh}	95, 24.969, 168.196
Y _{xy}	86.8549, 0.2883, 0.3552
Android (android.graphics.Color)	4290706917 (0xFFBEFDE5)
YUV	231.4270, -1.1965, -36.3315
Hunter-Lab	93.1960, -28.0565, 9.7760

Details

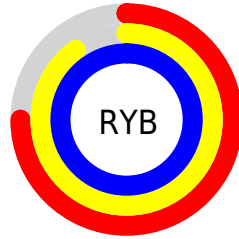
The YUV color **231.4270, -1.1965, -36.3315** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **211.5730, 1.1965, 36.3315**, and the grayscale version is **231.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.6080, 1.1793, -4.9182**, and **175.2530, -0.6177, -35.3019** is the 20% darker color. If you saturate the color by 10%, you get **222.8120, -1.8793, -50.7011**, and if you desaturate by 10%, it is **240.0420, -0.5137, -21.9618**.

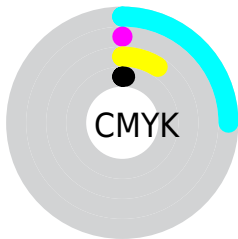
Distribution



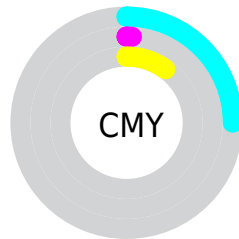
- Red (75%)
- Green (99%)
- Blue (90%)



- Red (75%)
- Yellow (90%)
- Blue (99%)



- Cyan (25%)
- Magenta (0%)
- Yellow (9%)
- Black (1%)




- Cyan (25%)
- Magenta (1%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.4270, -1.1965, -36.3315 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 231.4270, -1.1965, -36.3315 by changing the saturation by 10% instead.

 231.4270, -1.1965,
-36.3315

 231.4270, -1.1965,
-36.3315

255.0000, 0.0000,
0.0000


 202.8400, -0.9071,
-35.8167


 252.6080, 1.1793,
-4.9182

 175.2530, -0.6177,
-35.3019

 148.5520, -0.7651,
-34.6871

 121.9650, -0.4757,
-34.1723

 96.0790, -0.0389,
-34.2723

 71.0080, 0.9821,
-35.0870

 45.6160, 2.1613,

-40.0052

■ 29.7210, -0.3555,
-26.0653

■ 15.1310, -5.4876,
-13.2699

■ 231.4270, -1.1965,
-36.3315

■ 231.4270, -1.1965,
-36.3315

■ 222.8120, -1.8793,
-50.7011

■ 240.0420, -0.5137,
-21.9618

■ 214.0120, -1.9779,
-65.7855

■ 248.8420, -0.4151,
-6.8774

■ 205.3970, -2.6607,
-80.1552

■ 253.8260, 0.5788,
1.0296

■ 196.7820, -3.3435,
-94.5248

■ 188.2810, -3.5895,
-108.9944

■ 179.3670, -4.1249,
-123.9789

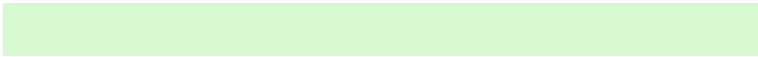
■ 170.8660, -4.3709,
-138.4485

■ 166.4090, -4.6386,
-145.9407

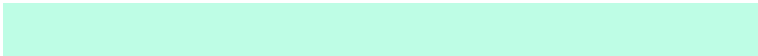
Harmonies

Analogous

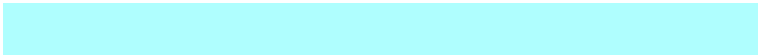
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.0460, -13.3337, -16.7033



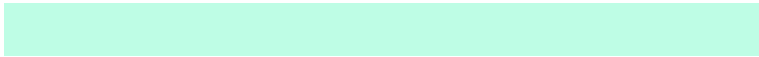
231.4270, -1.1965, -36.3315



230.3790, 11.6452, -48.5674

Triad

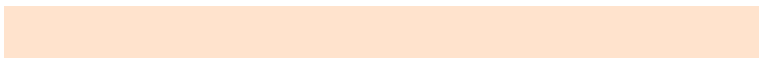
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.4270, -1.1965, -36.3315



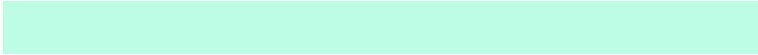
237.5570, 8.5994, -4.8735



232.8640, -13.7370, 19.4133

Complementary

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



231.4270, -1.1965, -36.3315



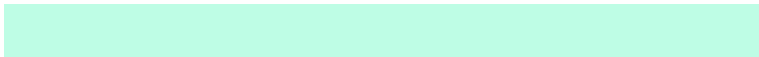
211.5730, 1.1965, 36.3315

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



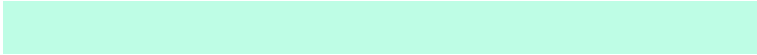
231.4270, -1.1965, -36.3315



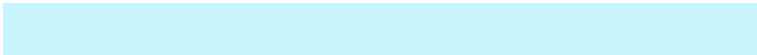
239.7380, 7.5242, 13.3848

Square

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



231.4270, -1.1965, -36.3315



232.6850, 11.0013, -28.6647



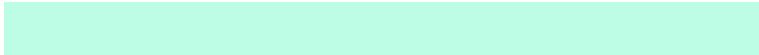
236.2330, 6.7871, 16.4587



236.1920, -21.2937, 16.4946

Rectangle

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



231.4270, -1.1965, -36.3315



229.3190, 12.6607, -47.6378



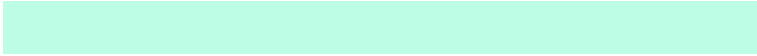
236.2330, 6.7871, 16.4587



232.9610, -10.8268, 19.3282

Sweetspot

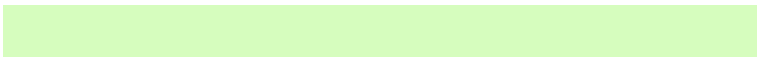
The Sweet Spot groups the original color and five complimentary colors.



231.4270, -1.1965, -36.3315



248.8200, -0.4043, -10.3661



234.1570, -21.7694, -17.6777



124.2550, -0.1257, -6.3626



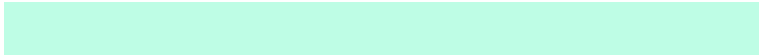
0.0000, 0.0000, 0.0000



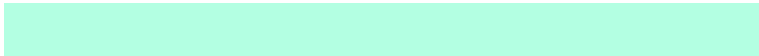
128.0000, 0.0000, 0.0000

Same Dimension

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



231.4270, -1.1965, -36.3315



228.9700, -1.4642, -43.8237



230.0540, 11.3124, -35.1274



123.5430, -0.2677, -7.4922



125.5690, -3.7315, -110.1240



42.0140, -1.4859, -36.8463

Inverse Universe

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



211.5730, 1.1965, 36.3315



205.0300, 1.4642, 43.8237



212.9460, -11.3124, 35.1274



119.4570, 0.2677, 7.4922



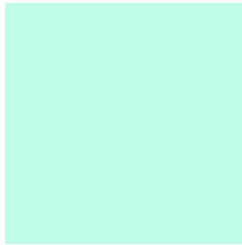
65.4310, 3.7315, 110.1240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 231.4270, -1.1965, -36.3315 looks on a white background.

Color Contrast Check

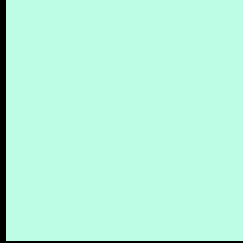
Large Text (above 18pt) WCAG AA × Fail

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 231.4270, -1.1965, -36.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

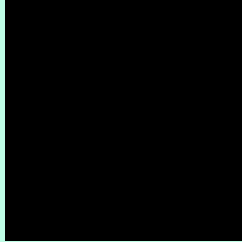
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

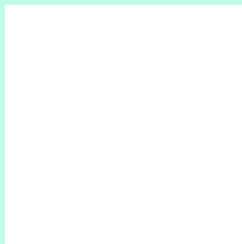
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 231.4270, -1.1965, -36.3315

Background



This preview shows how black text looks on a background with the YUV color 231.4270, -1.1965, -36.3315.



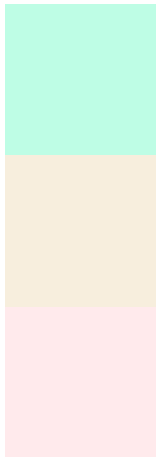
This preview shows how white text looks on a background with the YUV color 231.4270, -1.1965, -36.3315.

-36.3315.

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

231.4270, -1.1965, -36.3315

Protanopia

238.7530, -8.7522, 7.2326

Deuteranopia

240.5070, -2.2220, 12.7104



Tritanopia

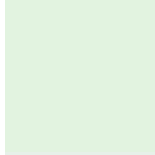
237.1810, 8.7848, -17.6987

Trichromacy



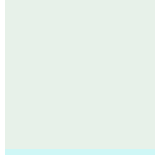
Original Color

231.4270, -1.1965, -36.3315



Protanomaly

235.7510, -5.7932, -8.5516



Deuteranomaly

237.0980, -2.0203, -5.3479



Tritanomaly

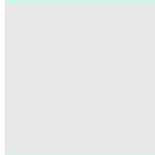
234.9260, 5.4595, -24.4911

Monochromacy



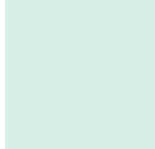
Original Color

231.4270, -1.1965, -36.3315



Achromatopsia

231.0000, 0.0000, 0.0000



Achromatomaly

231.0970, -0.5408, -13.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.4270, -1.1965, -36.3315 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(190, 253, 229)` looks like.

```
.text, #text, p{  
    color:rgb(190, 253, 229)  
}
```

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(190, 253, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 253, 229) }
```

Border

The CSS property to change the border of an element to YUV 231.4270, -1.1965, -36.3315 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(190, 253, 229) }
```


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

```
.border{ border-color:rgb(190, 253, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 253, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 253, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 253, 229); box-shadow:4px 4px 4px 4px rgb(190, 253, 229) }
```

Background

The CSS property to change the background color of an element to YUV 231.4270, -1.1965, -36.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 253, 229) }
```

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

```
.background{ background-color: rgb(190,  
253, 229) }
```

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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