

Converting Colors

YUV(230.3130, -1.6333,
-36.2315)

Have a look what the booklet for
YUV(230.3130, -1.6333, -36.2315)
contains.

YUV(230.3130, -1.6333, -36.2315)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(230.3130, -1.6333,
-36.2315)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDFCE3</code>
RGB	<code>189, 252, 227</code>
RGB Percent	<code>74%, 99%, 89%</code>
CMY	<code>0.2588, 0.0118, 0.1098</code>
CMYK	<code>0.25, 0.00, 0.10, 0.01</code>
HSL	<code>156°, 91%, 86%</code>
HSV	<code>156°, 25%, 99%</code>
XYZ	<code>69.6618, 85.9857, 85.5984</code>
YIQ	<code>230.3130, -29.5230, -21.1310</code>

Conversions

Conversions Part 2

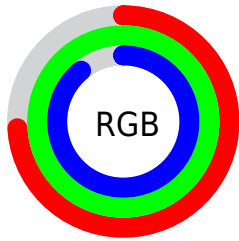
Format	Color
RYB	189, 228, 252
Decimal	12451043
CIELab	94.31, -24.65, 5.60
CIELCh	94, 25.280, 167.208
Yxy	85.9857, 0.2888, 0.3564
Android (android.graphics.Color)	4290641123 (0xFFBDFCE3)
YUV	230.3130, -1.6333, -36.2315
Hunter-Lab	92.7285, -28.1776, 10.1789

Details

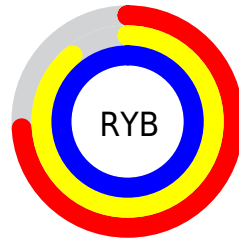
The YUV color $230.3130, -1.6333, -36.2315$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $210.6870, 1.6333, 36.2315$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3090, 1.3267, -5.5330$, and $174.1390, -1.0545, -35.2019$ is the 20% darker color. If you saturate the color by 10%, you get $221.6980, -2.3161, -50.6011$, and if you desaturate by 10%, it is $238.9280, -0.9505, -21.8619$.

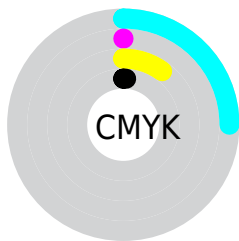
Distribution



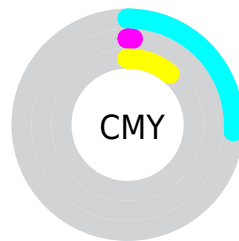
- Red (74%)
- Green (99%)
- Blue (89%)



- Red (74%)
- Yellow (89%)
- Blue (99%)



- Cyan (25%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)





- Cyan (26%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 230.3130, -1.6333, -36.2315 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 230.3130, -1.6333, -36.2315 by changing the saturation by 10% instead.


 230.3130, -1.6333,
-36.2315

 230.3130, -1.6333,
-36.2315

255.0000, 0.0000,
0.0000


 201.7260, -1.3439,
-35.7167

 252.3090, 1.3267,
-5.5330

 174.1390, -1.0545,
-35.2019

 147.4380, -1.2019,
-34.5871

 120.8510, -0.9125,
-34.0723

 95.3780, -0.1864,
-33.6575

 70.4810, 0.2559,
-35.5018

 44.9150, 2.0139,

-39.3905

■ 29.0200, -0.5029,
-25.4505

■ 14.2020, -6.5086,
-12.4552

■ 230.3130, -1.6333,
-36.2315

■ 230.3130, -1.6333,
-36.2315

■ 221.6980, -2.3161,
-50.6011

■ 238.9280, -0.9505,
-21.8619

■ 213.0830, -2.9989,
-64.9708

■ 247.5430, -0.2677,
-7.4922

■ 204.1690, -3.5343,
-79.9552

■ 253.2390, 0.8682,
1.5444

■ 195.5540, -4.2171,
-94.3249

■ 186.9390, -4.8999,
-108.6945

■ 178.3240, -5.5827,
-123.0641

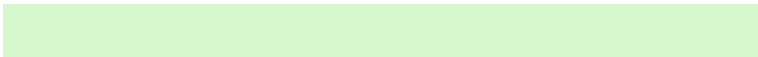
■ 169.7090, -6.2655,
-137.4338

■ 165.2520, -6.5332,
-144.9260

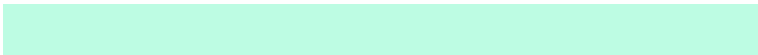
Harmonies

Analogous

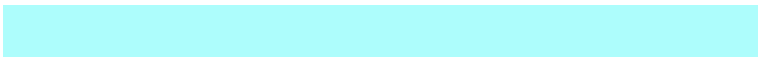
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.2310, -13.9179, -15.9886



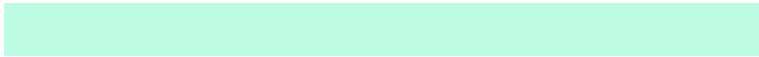
230.3130, -1.6333, -36.2315



228.9660, 11.3558, -49.0822

Triad

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



230.3130, -1.6333, -36.2315



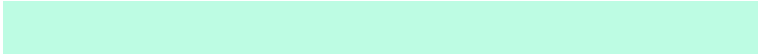
236.0730, 9.3310, -6.2030



232.1630, -13.8844, 20.0280

Complementary

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



230.3130, -1.6333, -36.2315



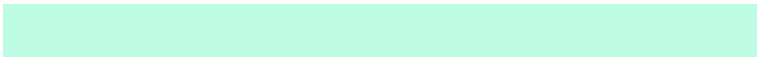
210.6870, 1.6333, 36.2315

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.



232.2090, -3.5540, 19.9877



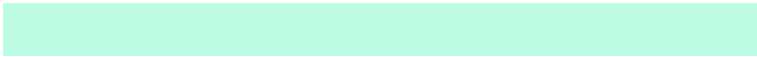
230.3130, -1.6333, -36.2315



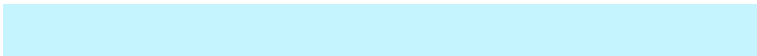
239.1510, 7.8136, 13.8996

Square

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



230.3130, -1.6333, -36.2315



231.2010, 11.7329, -29.9943



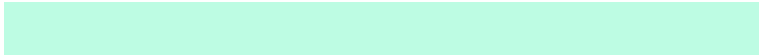
235.0590, 7.3659, 17.4883



234.9040, -21.1517, 17.6242

Rectangle

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



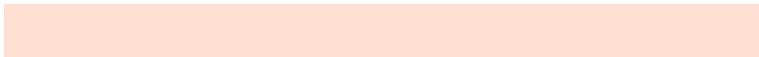
230.3130, -1.6333, -36.2315



228.1340, 13.2449, -48.3525



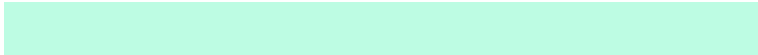
235.0590, 7.3659, 17.4883



231.6730, -10.6848, 20.4578

Sweetspot

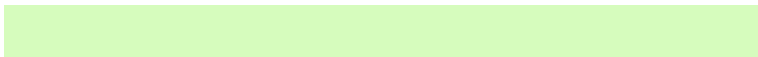
The Sweet Spot groups the original color and five complimentary colors.



230.3130, -1.6333, -36.2315



248.1080, -0.5462, -11.4957



233.4560, -21.9168, -17.0629



123.4290, -0.7045, -7.3922



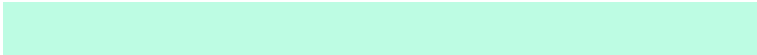
0.0000, 0.0000, 0.0000



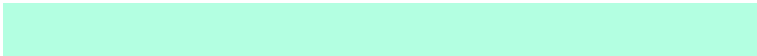
128.0000, 0.0000, 0.0000

Same Dimension

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



230.3130, -1.6333, -36.2315



228.8560, -1.9010, -43.7237



229.6410, 11.0230, -35.6422



120.5430, -0.2677, -7.4922



123.9390, -4.8999, -108.6945



40.0250, -1.4913, -35.1019

Inverse Universe

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



210.6870, 1.6333, 36.2315



205.1440, 1.9010, 43.7237



211.3590, -11.0230, 35.6422



116.4570, 0.2677, 7.4922



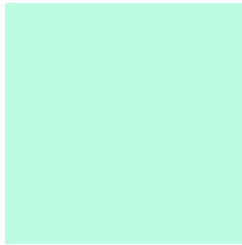
65.0610, 4.8999, 108.6945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 230.3130, -1.6333, -36.2315 looks on a white background.

Color Contrast Check

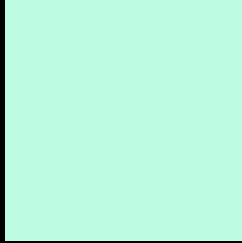
Large Text (above 18pt) WCAG AA × Fail

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 230.3130, -1.6333, -36.2315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

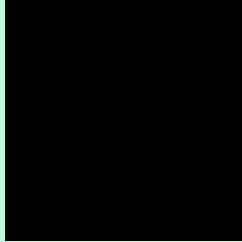
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

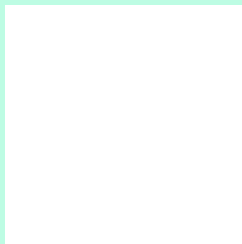
Any Text WCAG AAA ✓ Pass

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

YUV 230.3130, -1.6333, -36.2315 Background



This preview shows how black text looks on a background with the YUV color 230.3130, -1.6333, -36.2315.



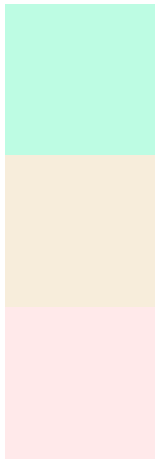
This preview shows how white text looks on a background with the YUV color 230.3130, -1.6333, -36.2315.

-36.2315.

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

230.3130, -1.6333, -36.2315

Protanopia

237.9380, -9.3364, 7.9474

Deuteranopia

239.6920, -2.8062, 13.4251



Tritanopia

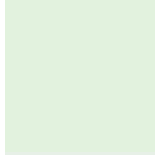
235.9960, 9.3690, -18.4135

Trichromacy



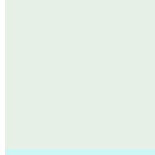
Original Color

230.3130, -1.6333, -36.2315



Protanomaly

234.9360, -6.3774, -7.8369



Deuteranomaly

236.2830, -2.6045, -4.6332



Tritanomaly

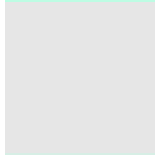
233.9260, 5.4595, -24.4911

Monochromacy



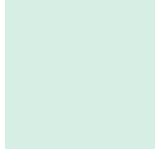
Original Color

230.3130, -1.6333, -36.2315



Achromatopsia

230.0000, 0.0000, 0.0000



Achromatomaly

230.0970, -0.5408, -13.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.3130, -1.6333, -36.2315 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(189, 252, 227)` looks like.

```
.text, #text, p{  
    color:rgb(189, 252, 227)  
}
```

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(189, 252, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 252, 227) }
```

Border

The CSS property to change the border of an element to YUV 230.3130, -1.6333, -36.2315 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(189, 252, 227) }
```


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

```
.border{ border-color:rgb(189, 252, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 252, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 252, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 252, 227);  
box-shadow:4px 4px 4px 4px rgb(189, 252,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 230.3130, -1.6333, -36.2315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 252, 227) }
```

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

```
.background{ background-color: rgb(189,  
252, 227) }
```

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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