

Converting Colors

YUV(230.9340, -6.8695,
-36.7761)

Have a look what the booklet for
YUV(230.9340, -6.8695, -36.7761)
contains.

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Color

**YUV(230.9340, -6.8695,
-36.7761)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDFFD9</code>
RGB	<code>189, 255, 217</code>
RGB Percent	<code>74%, 100%, 85%</code>
CMY	<code>0.2588, 0.0000, 0.1490</code>
CMYK	<code>0.26, 0.00, 0.15, 0.00</code>
HSL	<code>145°, 100%, 87%</code>
HSV	<code>145°, 26%, 100%</code>
XYZ	<code>69.2707, 87.3486, 78.8547</code>
YIQ	<code>230.9340, -27.1380, -25.8100</code>

Conversions

Conversions Part 2

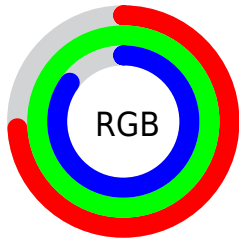
Format	Color
R _{YB}	189, 235, 255
Decimal	12451801
CIE _{Lab}	94.89, -28.00, 11.58
CIE _{LCh}	95, 30.296, 157.534
Y _{xy}	87.3486, 0.2942, 0.3709
Android (android.graphics.Color)	4290641881 (0xFFBDDFFD9)
YUV	230.9340, -6.8695, -36.7761
Hunter-Lab	93.4605, -31.2559, 15.3980

Details

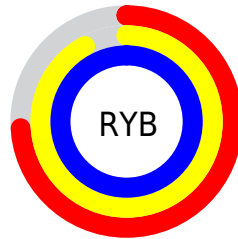
The YUV color **230.9340, -6.8695, -36.7761** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **213.0660, 6.8695, 36.7761**, and the grayscale version is **231.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.3090, 1.3267, -5.5330**, and **174.7600, -6.2907, -35.7465** is the 20% darker color. If you saturate the color by 10%, you get **221.7490, -9.7363, -50.6459**, and if you desaturate by 10%, it is **240.4180, -4.1501, -22.2916**.

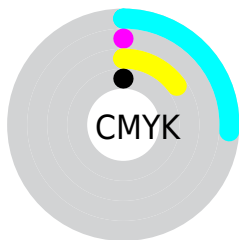
Distribution



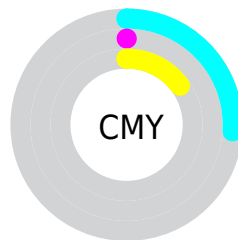
- Red (74%)
- Green (100%)
- Blue (85%)



- Red (74%)
- Yellow (92%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.9340, -6.8695, -36.7761 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 230.9340, -6.8695, -36.7761 by changing the saturation by 10% instead.

 230.9340, -6.8695,
-36.7761


 230.9340, -6.8695,
-36.7761

255.0000, 0.0000,
0.0000


 202.3470, -6.5801,
-36.2613


 252.3090, 1.3267,
-5.5330

 174.7600, -6.2907,
-35.7465

 148.1730, -6.0013,
-35.2317

 121.5860, -5.7119,
-34.7169

 95.8140, -4.8383,
-34.9169

 70.7430, -3.8173,
-35.7316

 45.1770, -2.0593,

-39.6202

■ 29.2820, -4.5760,
-25.6803

■ 15.2620, -7.5242,
-13.3848

■ 230.9340, -6.8695,
-36.7761

■ 230.9340, -6.8695,
-36.7761

■ 221.7490, -9.7363,
-50.6459

■ 240.4180, -4.1501,
-22.2916

■ 212.3790,
-12.0188, -65.2304

■ 249.4890, -1.7201,
-8.3219

■ 203.1940,
-14.8856, -79.1001

255.0000, 0.0000,
0.0000

■ 193.7100,
-17.6050, -93.5847

■ 184.6390,
-20.0350, -107.5544

■ 175.1550,
-22.7544, -122.0389

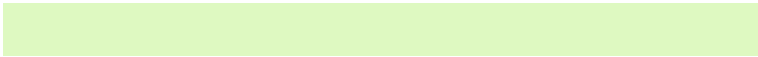
■ 165.9700,
-25.6212, -135.9087

■ 161.9970,
-26.6205, -142.0714

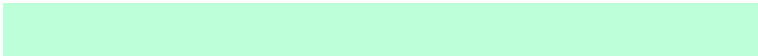
Harmonies

Analogous

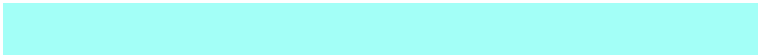
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.5430, -20.4807, -11.0002



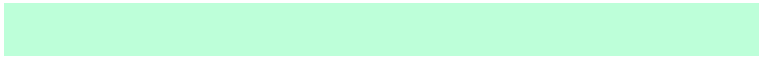
230.9340, -6.8695, -36.7761



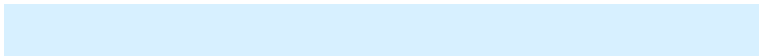
226.5800, 10.0671, -55.7597

Triad

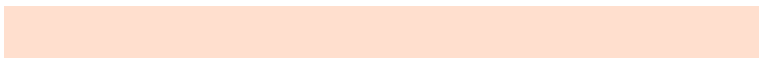
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.9340, -6.8695, -36.7761



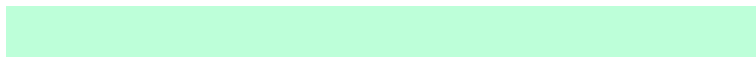
234.2350, 10.2371, -16.8691



230.6300, -12.1426, 21.3725

Complementary

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



230.9340, -6.8695, -36.7761



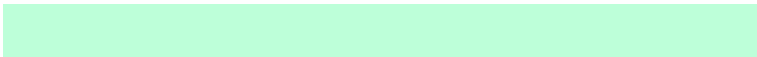
213.0660, 6.8695, 36.7761

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.



231.4740, 1.2453, 20.6323



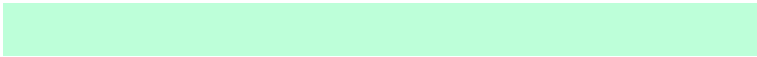
230.9340, -6.8695, -36.7761



240.0260, 7.3822, 12.2552

Square

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



230.9340, -6.8695, -36.7761



228.1560, 13.2341, -44.8638



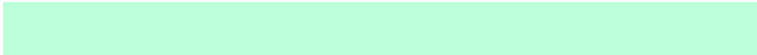
235.6290, 9.5499, 16.9884



233.1600, -22.7569, 19.1537

Rectangle

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



230.9340, -6.8695, -36.7761



225.3990, 14.5933, -60.8629



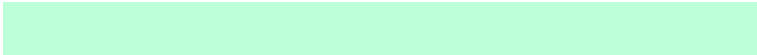
235.6290, 9.5499, 16.9884



230.4820, -7.6326, 21.5023

Sweetspot

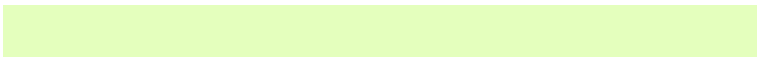
The Sweet Spot groups the original color and five complimentary colors.



230.9340, -6.8695, -36.7761



247.6520, -2.2934, -11.0958



239.4030, -24.8487, -10.0004



123.2010, -1.5781, -7.1923



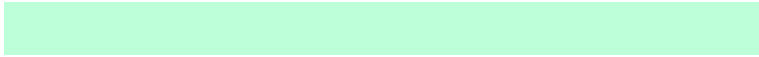
0.0000, 0.0000, 0.0000



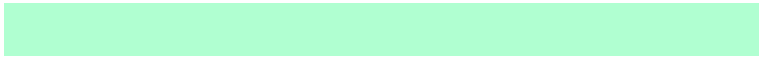
128.0000, 0.0000, 0.0000

Same Dimension

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



230.9340, -6.8695, -36.7761



226.1350, -8.4476, -43.9684



234.6960, 7.5449, -40.0754



123.2010, -1.5781, -7.1923



121.3510, -19.8930, -106.4248



40.6460, -6.7275, -35.6465

Inverse Universe

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



213.0660, 6.8695, 36.7761



204.7510, 8.0108, 44.0684



209.4180, -7.1081, 39.9754



119.6850, 1.1413, 7.2923



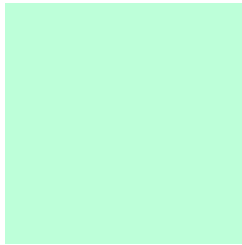
69.6490, 19.8930, 106.4248



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 230.9340, -6.8695, -36.7761 looks on a white background.

Color Contrast Check

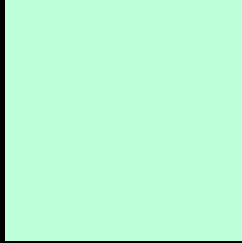
Large Text (above 18pt) WCAG AA × Fail

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 230.9340, -6.8695, -36.7761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

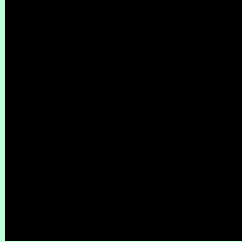
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

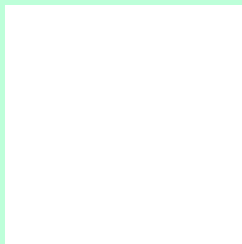
Any Text WCAG AAA ✓ Pass

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

YUV 230.9340, -6.8695, -36.7761 Background



This preview shows how black text looks on a background with the YUV color 230.9340, -6.8695, -36.7761.



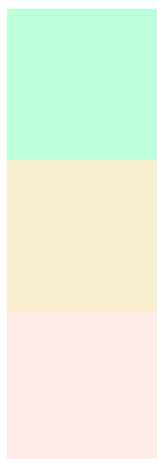
This preview shows how white text looks on a background with the YUV color 230.9340, -6.8695, -36.7761.

-36.7761.

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

230.9340, -6.8695, -36.7761

Protanopia

239.1680, -14.8728, 10.3767

Deuteranopia

240.5240, -4.6953, 12.6955



Tritanopia

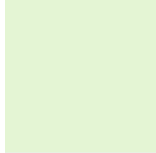
237.7790, 8.4900, -16.4692

Trichromacy



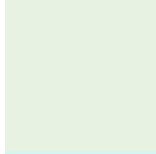
Original Color

230.9340, -6.8695, -36.7761



Protanomaly

236.1550, -11.9084, -7.1519



Deuteranomaly

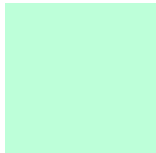
236.8870, -5.3673, -5.1629



Tritanomaly

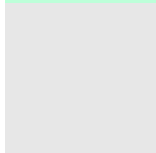
235.2420, 2.8387, -23.8912

Monochromacy



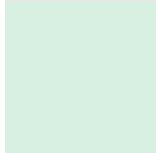
Original Color

230.9340, -6.8695, -36.7761



Achromatopsia

231.0000, 0.0000, 0.0000



Achromatomaly

231.2280, -2.5774, -13.3550

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.9340, -6.8695, -36.7761 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, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(189, 255, 217)  
}
```

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, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 217) }
```

Border

The CSS property to change the border of an element to YUV 230.9340, -6.8695, -36.7761 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, 255, 217) }
```


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

```
.border{ border-color:rgb(189, 255, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 230.9340, -6.8695, -36.7761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 255, 217) }
```

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

```
.background{ background-color: rgb(189,  
255, 217) }
```

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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