

Converting Colors

YUV(217.7730, -32.9191,
-34.8809)

Have a look what the booklet for
YUV(217.7730, -32.9191, -34.8809)
contains.

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Color

**YUV(217.7730, -32.9191,
-34.8809)**

Conversions

Conversions Part 1

Format	Color
Hex	B2FB97
RGB	178, 251, 151
RGB Percent	70%, 98%, 59%
CMY	0.3020, 0.0157, 0.4078
CMYK	0.29, 0.00, 0.40, 0.02
HSL	104°, 93%, 79%
HSV	104°, 40%, 98%
XYZ	58.4432, 80.6937, 41.7733
YIQ	217.7730, -11.4080, -46.5760

Conversions

Conversions Part 2

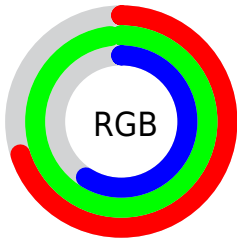
Format	Color
RYB	151, 251, 224
Decimal	11729815
CIELab	92.00, -40.32, 40.87
CIELCh	92, 57.414, 134.611
Yxy	80.6937, 0.3231, 0.4460
Android (android.graphics.Color)	4289919895 (0xFFB2FB97)
YUV	217.7730, -32.9191, -34.8809
Hunter-Lab	89.8297, -41.0698, 35.3093

Details

The YUV color **217.7730, -32.9191, -34.8809** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **184.2270, 32.9191, 34.8809**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.7330, -18.6024, -6.7818**, and **161.5280, -31.3193, -34.6661** is the 20% darker color. If you saturate the color by 10%, you get **209.5410, -41.1857, -43.4475**, and if you desaturate by 10%, it is **226.0050, -24.6525, -26.3144**.

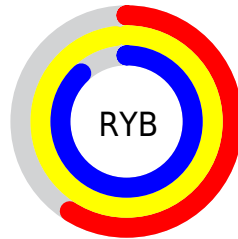
Distribution



Red (70%)

Green (98%)

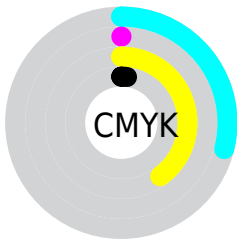
Blue (59%)



Red (59%)

Yellow (98%)

Blue (88%)

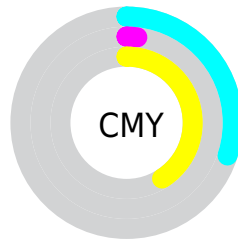


Cyan (29%)

Magenta (0%)

Yellow (40%)

Black (2%)



Cyan (30%)

Magenta (2%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.7730, -32.9191, -34.8809 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 217.7730, -32.9191, -34.8809 by changing the saturation by 10% instead.

■ 217.7730,
-32.9191, -34.8809

■ 217.7730,
-32.9191, -34.8809

255.0000, 0.0000,
0.0000

■ 189.3000,
-32.1929, -34.4661

■ 243.7330,
-18.6024, -6.7818

■ 161.5280,
-31.3193, -34.6661

■ 252.7200, -8.7360,
1.9996

■ 134.7560,
-30.4457, -34.8660

■ 107.9840,
-29.5721, -35.0660

■ 81.3860, -29.2773,
-36.2955

■ 52.2430, -25.7558,
-45.8171

■ 37.5680, -18.5210,

-32.9471

■ 25.2410, -12.4438,
-22.1364

■ 7.6310, -3.7621,
-6.6924

■ 217.7730,
-32.9191, -34.8809

■ 217.7730,
-32.9191, -34.8809

■ 209.5410,
-41.1857, -43.4475

■ 226.0050,
-24.6525, -26.3144

■ 201.0100,
-49.3049, -52.6288

■ 234.5360,
-16.5332, -17.1331

■ 192.7780,
-57.5716, -61.1953

■ 242.7680, -8.2666,
-8.5665

■ 184.5460,
-65.8382, -69.7618

■ 251.0000, 0.0000,
0.0000

■ 175.9010,
-74.3942, -78.8432

■ 252.6520, 1.1576,
2.0592

■ 167.6690,
-82.6608, -87.4097

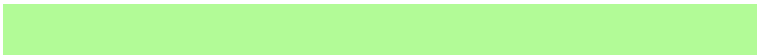
Harmonies

Analogous

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



224.7870, -50.6740, 13.3418



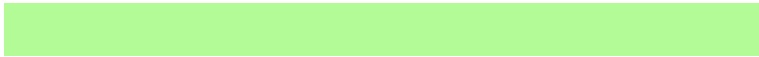
217.7730, -32.9191, -34.8809



201.6020, -0.2968, -91.7360

Triad

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



217.7730, -32.9191, -34.8809



192.9070, 30.6118, -112.1744



210.1990, -1.5771, 39.2905

Complementary

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



217.7730, -32.9191, -34.8809



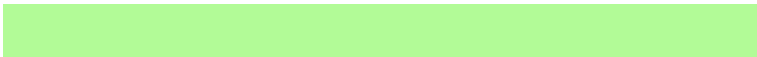
184.2270, 32.9191, 34.8809

Split Complementary

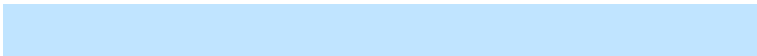
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



217.4320, 18.5210, 32.9471



217.7730, -32.9191, -34.8809



220.3140, 17.1002, -24.8314

Square

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



217.7730, -32.9191, -34.8809



178.7550, 37.5888, -156.7681



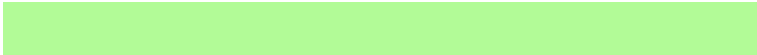
226.8240, 13.8908, 24.7104



211.5430, -26.8897, 38.1118

Rectangle

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



217.7730, -32.9191, -34.8809



176.9310, 30.6000, -155.1685



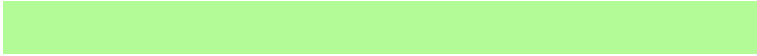
226.8240, 13.8908, 24.7104



211.7780, 7.0114, 37.9057

Sweetspot

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



217.7730, -32.9191, -34.8809



244.8880, -10.2978, -10.4258



223.1640, -35.5769, 24.4122



121.7620, -5.7987, -6.8073



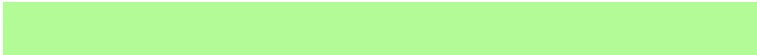
0.0000, 0.0000, 0.0000



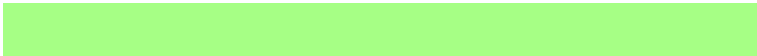
128.0000, 0.0000, 0.0000

Same Dimension

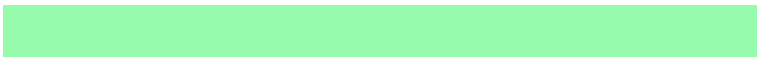
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.7730, -32.9191, -34.8809



214.4810, -40.1701, -42.5178



212.2080, -19.3295, -53.6794



120.8270, -4.3517, -4.2333



126.1920, -62.2127, -65.9434



40.8900, -20.1588, -20.9515

Inverse Universe

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



184.2270, 32.9191, 34.8809



173.5190, 40.1701, 42.5178



189.7920, 19.3295, 53.6794



116.4720, 4.2043, 4.8481



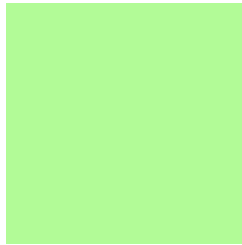
62.8080, 62.2127, 65.9434



20.4090, 20.0114, 21.5663

Previews

White Background



This preview shows how the YUV color 217.7730, -32.9191, -34.8809 looks on a white background.

Color Contrast Check

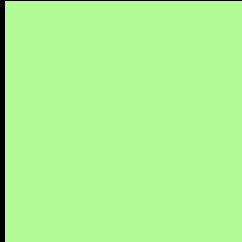
Large Text (above 18pt) WCAG AA × Fail

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 217.7730, -32.9191, -34.8809 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

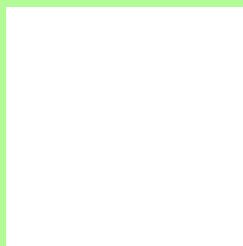
Any Text WCAG AAA ✓ Pass

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

YUV 217.7730, -32.9191, -34.8809 Background



This preview shows how black text looks on a background with the YUV color 217.7730, -32.9191, -34.8809.



This preview shows how white text looks on a background with the YUV color 217.7730, -32.9191, -34.8809.

-34.8809.

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

217.7730, -32.9191, -34.8809

Protanopia

227.2470, -41.5338, 21.7084

Deuteranopia

231.4790, -16.5051, 20.6279



Tritanopia

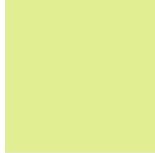
228.2770, 13.1744, -25.6759

Trichromacy



Original Color

217.7730, -32.9191, -34.8809



Protanomaly

223.6250, -38.2691, 1.2059



Deuteranomaly

226.4520, -22.4078, 0.4806



Tritanomaly

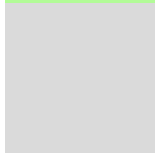
224.4880, -3.6916, -29.3690

Monochromacy



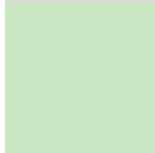
Original Color

217.7730, -32.9191, -34.8809



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

217.8230, -11.7447, -12.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.7730, -32.9191, -34.8809 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(178, 251, 151)` looks like.

```
.text, #text, p{  
    color:rgb(178, 251, 151)  
}
```

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(178, 251, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 251, 151) }
```

Border

The CSS property to change the border of an element to YUV 217.7730, -32.9191, -34.8809 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(178, 251, 151) }
```


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

```
.border{ border-color:rgb(178, 251, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 251, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 251, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 251, 151);  
box-shadow:4px 4px 4px 4px rgb(178, 251,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 217.7730, -32.9191, -34.8809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 251, 151) }
```

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

```
.background{ background-color: rgb(178,  
251, 151) }
```

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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