

Converting Colors

YUV(221.0830, -33.0719,
-32.5218)

Have a look what the booklet for
YUV(221.0830, -33.0719, -32.5218)
contains.

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Color

**YUV(221.0830, -33.0719,
-32.5218)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FD9A
RGB	184, 253, 154
RGB Percent	72%, 99%, 60%
CMY	0.2784, 0.0078, 0.3961
CMYK	0.27, 0.00, 0.39, 0.01
HSL	102°, 96%, 80%
HSV	102°, 39%, 99%
XYZ	60.7252, 82.7740, 43.3483
YIQ	221.0830, -9.3450, -45.4170

Conversions

Conversions Part 2

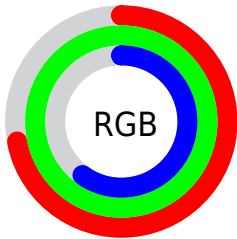
Format	Color
RYB	154, 253, 223
Decimal	12123546
CIELab	92.92, -38.82, 40.66
CIElCh	93, 56.215, 133.680
Yxy	82.7740, 0.3250, 0.4430
Android (android.graphics.Color)	4290313626 (0xFFB8FD9A)
YUV	221.0830, -33.0719, -32.5218
Hunter-Lab	90.9802, -40.0747, 35.4369

Details

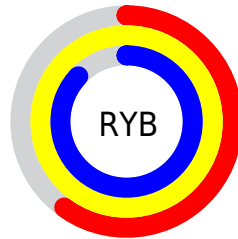
The YUV color **221.0830, -33.0719, -32.5218** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **185.9170, 33.0719, 32.5218**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.8690, -18.1764, -3.3931**, and **164.8380, -31.4721, -32.3069** is the 20% darker color. If you saturate the color by 10%, you get **212.8510, -41.3385, -41.0883**, and if you desaturate by 10%, it is **229.3150, -24.8053, -23.9553**.

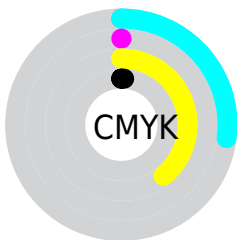
Distribution



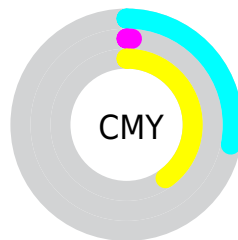
- Red (72%)
- Green (99%)
- Blue (60%)



- Red (60%)
- Yellow (99%)
- Blue (87%)



- Cyan (27%)
- Magenta (0%)
- Yellow (39%)
- Black (1%)



- Cyan (28%)
- Magenta (1%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.0830, -33.0719, -32.5218 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 221.0830, -33.0719, -32.5218 by changing the saturation by 10% instead.

■ 221.0830,
-33.0719, -32.5218

■ 221.0830,
-33.0719, -32.5218

255.0000, 0.0000,
0.0000

■ 192.6100,
-32.3457, -32.1070

■ 245.8690,
-18.1764, -3.3931

■ 164.8380,
-31.4721, -32.3069

■ 253.0620, -7.4256,
1.6996

■ 137.4790,
-30.3091, -31.9921

■ 111.5930,
-29.8723, -32.0921

■ 84.9950, -29.5775,
-33.3216

■ 57.6030, -28.3983,
-38.2398

■ 38.7420, -19.0998,

-33.9767

■ 25.8280, -12.7332,
-22.6512

■ 10.5660, -5.2090,
-9.2664

■ 221.0830,
-33.0719, -32.5218

■ 221.0830,
-33.0719, -32.5218

■ 212.8510,
-41.3385, -41.0883

■ 229.3150,
-24.8053, -23.9553

■ 204.8040,
-50.1894, -48.9401

■ 237.3620,
-15.9545, -16.1035

■ 196.5720,
-58.4560, -57.5066

■ 245.5940, -7.6878,
-7.5369

■ 188.3400,
-66.7226, -66.0732

■ 253.8260, 0.5788,
1.0296

■ 180.2930,
-75.5734, -73.9250

■ 172.0610,
-83.8401, -82.4915

■ 171.5340,
-84.5663, -82.9063

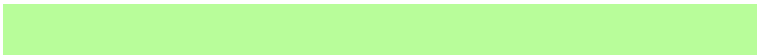
Harmonies

Analogous

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



227.7270, -49.6584, 14.2714



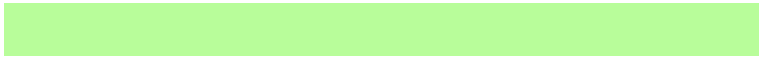
221.0830, -33.0719, -32.5218



205.0050, -1.4815, -85.0734

Triad

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



221.0830, -33.0719, -32.5218



197.6580, 28.2696, -107.5711



212.5300, -0.2613, 37.2462

Complementary

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



221.0830, -33.0719, -32.5218



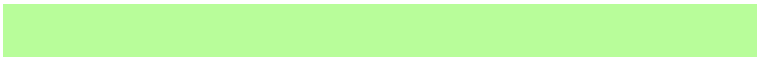
185.9170, 33.0719, 32.5218

Split Complementary

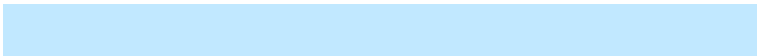
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219.7800, 17.3635, 30.8879



221.0830, -33.0719, -32.5218



222.9610, 15.7952, -26.2758

Square

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



221.0830, -33.0719, -32.5218



178.7550, 37.5888, -156.7681



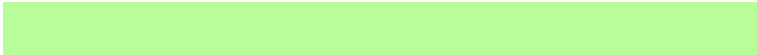
229.1720, 12.7332, 22.6512



213.2870, -25.2845, 36.5823

Rectangle

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



221.0830, -33.0719, -32.5218



177.0450, 31.0368, -155.2685



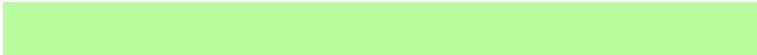
229.1720, 12.7332, 22.6512



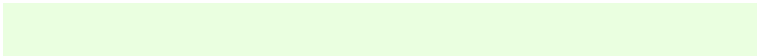
214.5820, 7.6011, 35.4466

Sweetspot

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



221.0830, -33.0719, -32.5218



245.1870, -10.4452, -9.8110



223.5170, -34.2719, 25.8566



122.0610, -5.9461, -6.1925



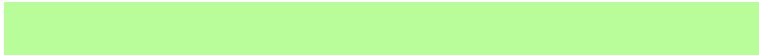
0.0000, 0.0000, 0.0000



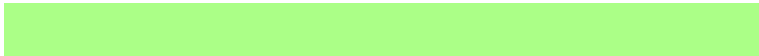
128.0000, 0.0000, 0.0000

Same Dimension

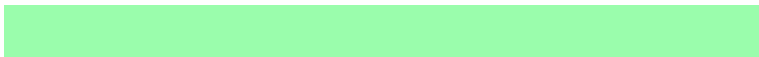
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.0830, -33.0719, -32.5218



216.2040, -40.0336, -39.6439



214.1650, -20.7873, -52.7647



123.8270, -4.3517, -4.2333



129.4590, -63.8233, -62.6695



43.2490, -21.3218, -21.2664

Inverse Universe

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



185.9170, 33.0719, 32.5218



173.7960, 40.0336, 39.6439



192.8350, 20.7873, 52.7647



119.1730, 4.3517, 4.2333



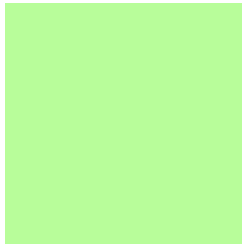
61.5410, 63.8233, 62.6695



20.4520, 21.4692, 20.6516

Previews

White Background



This preview shows how the YUV color 221.0830, -33.0719, -32.5218 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 221.0830, -33.0719, -32.5218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

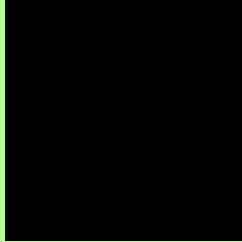
Any Text WCAG AA ✓ Pass

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 221.0830, -33.0719, -32.5218 Background



This preview shows how black text looks on a background with the YUV color 221.0830, -33.0719, -32.5218.



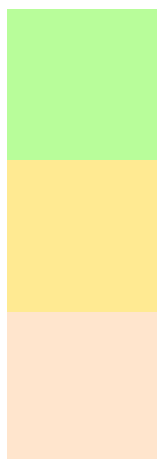
This preview shows how white text looks on a background with the YUV color 221.0830, -33.0719, -32.5218.

-32.5218.

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

221.0830, -33.0719, -32.5218

Protanopia

230.2470, -41.5338, 21.7084

Deuteranopia

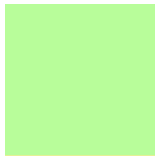
234.0380, -14.3157, 18.3837



Tritanopia

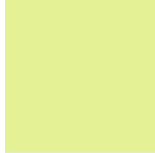
231.5550, 11.5584, -20.6577

Trichromacy



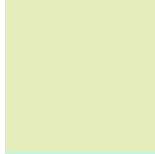
Original Color

221.0830, -33.0719, -32.5218



Protanomaly

226.9240, -38.4165, 1.8207



Deuteranomaly

229.3810, -21.3868, -0.3341



Tritanomaly

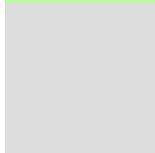
227.5810, -4.7234, -25.0655

Monochromacy



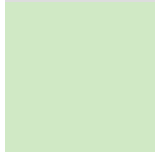
Original Color

221.0830, -33.0719, -32.5218



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

221.4210, -12.0396, -11.7702

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.0830, -33.0719, -32.5218 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(184, 253, 154)` looks like.

```
.text, #text, p{  
    color:rgb(184, 253, 154)  
}
```

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(184, 253, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 253, 154) }
```

Border

The CSS property to change the border of an element to YUV 221.0830, -33.0719, -32.5218 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(184, 253, 154) }
```


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

```
.border{ border-color:rgb(184, 253, 154) }
```

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

Here you see how a box with a 4 pixel rgb(184, 253, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 253, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 253, 154);  
box-shadow:4px 4px 4px 4px rgb(184, 253,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 221.0830, -33.0719, -32.5218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 253, 154) }
```

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

```
.background{ background-color: rgb(184,  
253, 154) }
```

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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