

Converting Colors

YUV(235.5210, -33.7809,
8.3131)

Have a look what the booklet for
YUV(235.5210, -33.7809, 8.3131)
contains.

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Color

**YUV(235.5210, -33.7809,
8.3131)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F4A7
RGB	245, 244, 167
RGB Percent	96%, 96%, 65%
CMY	0.0392, 0.0431, 0.3451
CMYK	0.00, 0.00, 0.32, 0.04
HSL	59°, 80%, 81%
HSV	59°, 32%, 96%
XYZ	76.9819, 86.9039, 49.2760
YIQ	235.5210, 25.3130, -23.7350

Conversions

Conversions Part 2

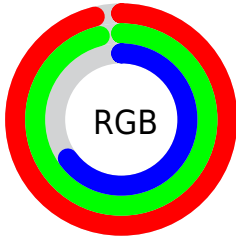
Format	Color
RYB	168, 245, 167
Decimal	16118951
CIELab	94.70, -11.07, 37.31
CIELCh	95, 38.914, 106.530
Yxy	86.9039, 0.3611, 0.4077
Android (android.graphics.Color)	4294309031 (0xFFFF5F4A7)
YUV	235.5210, -33.7809, 8.3131
Hunter-Lab	93.2222, -15.7355, 33.9157

Details

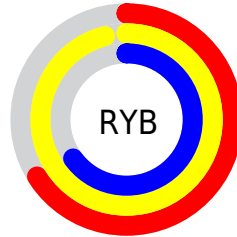
The YUV color $235.5210, -33.7809, 8.3131$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $176.4790, 33.7809, -8.3131$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.3520, -13.9775, 3.1993$, and $179.5640, -32.3231, 7.3984$ is the 20% darker color. If you saturate the color by 10%, you get $232.6710, -44.7008, 10.8125$, and if you desaturate by 10%, it is $238.3710, -22.8609, 5.8136$.

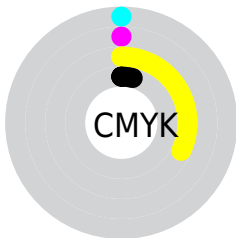
Distribution



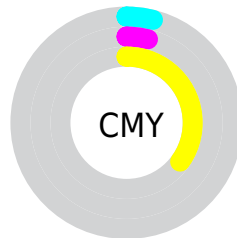
- Red (96%)
- Green (96%)
- Blue (65%)



- Red (66%)
- Yellow (96%)
- Blue (65%)



- Cyan (0%)
- Magenta (0%)
- Yellow (32%)
- Black (4%)



- Cyan (4%)
- Magenta (4%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.5210, -33.7809, 8.3131 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 235.5210, -33.7809, 8.3131 by changing the saturation by 10% instead.

■ 235.5210,
-33.7809, 8.3131

■ 235.5210,
-33.7809, 8.3131

■ 255.0000, 0.0000,
0.0000

■ 207.3360,
-33.1966, 7.5983

■ 251.3520,
-13.9775, 3.1993

■ 179.5640,
-32.3231, 7.3984

■ 254.6580, -1.3104,
0.2999

■ 152.4930,
-31.3020, 6.5836

■ 126.3080,
-30.7178, 5.8689

■ 101.1230,
-30.1336, 5.1541

■ 75.8240, -29.9862,
4.5394

■ 53.4370, -26.3444,

3.1248

■ 33.3470, -16.4401,
-0.3043

■ 12.3270, -6.0772,
-10.8108

■ 235.5210,
-33.7809, 8.3131

■ 235.5210,
-33.7809, 8.3131

■ 232.6710,
-44.7008, 10.8125

■ 238.3710,
-22.8609, 5.8136

■ 229.3480,
-54.8946, 13.7268

■ 241.6940,
-12.6671, 2.8994

■ 226.4980,
-65.8145, 16.2263

■ 244.5440, -1.7472,
0.3999

■ 223.7620,
-76.2977, 18.6257

■ 246.1400, 4.3680,
-0.9998

■ 220.3250,
-86.9282, 21.6400

■ 246.7270, 4.0786,
-1.5146

■ 217.5890,
-97.4114, 24.0394

■ 247.3140, 3.7892,
-2.0294

■ 215.3090,
-106.1473, 26.0390

Harmonies

Analogous

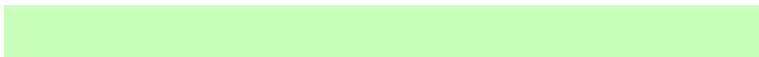
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.4670, -31.7822, 20.6384



235.5210, -33.7809, 8.3131



230.8140, -21.6003, -25.2699

Triad

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



235.5210, -33.7809, 8.3131



215.8310, 19.3103, -80.5358



230.9330, 11.8650, 21.1068

Complementary

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



235.5210, -33.7809, 8.3131



176.4790, 33.7809, -8.3131

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.



236.2160, 9.2605, 16.4736



235.5210, -33.7809, 8.3131



224.2800, 15.1450, -51.1116

Square

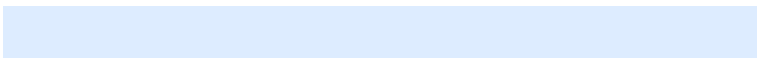
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.5210, -33.7809, 8.3131



215.8310, 19.3103, -80.5358



233.6810, 10.5103, -11.1212



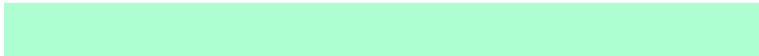
225.7690, -2.8441, 25.6356

Rectangle

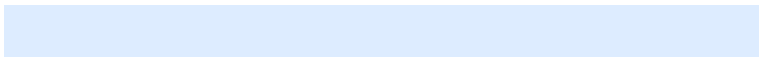
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.5210, -33.7809, 8.3131



225.2380, -8.0053, -45.8127



233.6810, 10.5103, -11.1212



232.1070, 11.2862, 20.0772

Sweetspot

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



235.5210, -33.7809, 8.3131



252.1500, -10.9200, 2.4994



190.4360, -11.0609, 47.8526



125.5890, -6.6994, 2.1144



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

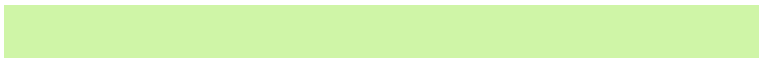
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.5210, -33.7809, 8.3131



243.3550, -42.0800, 10.2127



224.7460, -28.4688, -15.5632



120.6320, -5.2416, 1.1997



163.6220, -80.6656, 19.6255



51.6870, -25.4817, 6.4135

Inverse Universe

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



176.4790, 33.7809, -8.3131



169.6450, 42.0800, -10.2127



187.2540, 28.4688, 15.5632



111.3680, 5.2416, -1.1997



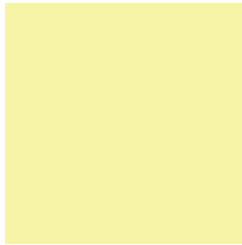
22.3780, 80.6656, -19.6255



7.3130, 25.4817, -6.4135

Previews

White Background



This preview shows how the YUV color 235.5210, -33.7809, 8.3131 looks on a white background.

Color Contrast Check

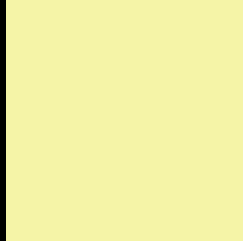
Large Text (above 18pt) WCAG AA × Fail

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 235.5210, -33.7809, 8.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

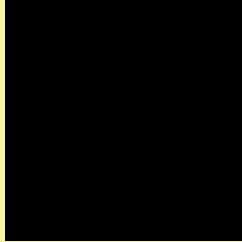
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

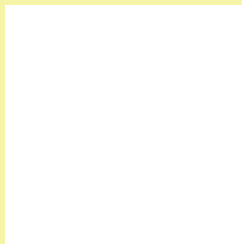
Any Text WCAG AAA ✓ Pass

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

YUV 235.5210, -33.7809, 8.3131 Background



This preview shows how black text looks on a background with the YUV color 235.5210, -33.7809, 8.3131.



This preview shows how white text looks on a background with the YUV color 235.5210, -33.7809, 8.3131.

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

235.5210, -33.7809, 8.3131

Protanopia

238.1010, -26.6718, 14.8204

Deuteranopia

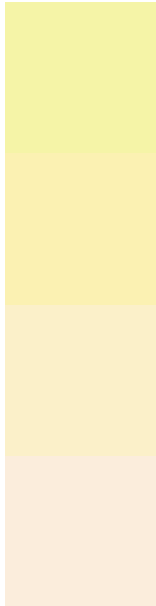
240.5580, -9.6421, 12.6656



Tritanopia

241.6300, 4.6194, 11.7255

Trichromacy



Original Color

235.5210, -33.7809, 8.3131

Protanomaly

236.8080, -28.9923, 12.4464

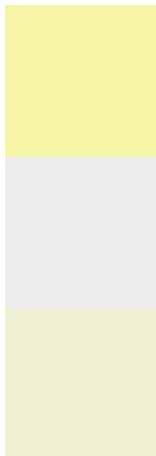
Deuteranomaly

238.8430, -18.6566, 10.6617

Tritanomaly

239.2480, -9.4893, 10.3065

Monochromacy



Original Color

235.5210, -33.7809, 8.3131

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.8080, -12.2303, 2.7994

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.5210, -33.7809, 8.3131 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(245, 244, 167)` looks like.

```
.text, #text, p{  
    color:rgb(245, 244, 167)  
}
```

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(245, 244, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 244, 167) }
```

Border

The CSS property to change the border of an element to YUV 235.5210, -33.7809, 8.3131 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(245, 244, 167) }
```


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

```
.border{ border-color:rgb(245, 244, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 244, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 244, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 244, 167);  
box-shadow:4px 4px 4px 4px rgb(245, 244,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 235.5210, -33.7809, 8.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 244, 167) }
```

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

```
.background{ background-color: rgb(245,  
244, 167) }
```

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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