

# Converting Colors

YUV(231.1340, -33.5901,  
-6.2565)

Have a look what the booklet for  
YUV(231.1340, -33.5901, -6.2565)  
contains.

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# Color

**YUV(231.1340, -33.5901,  
-6.2565)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0F8A3
RGB	224, 248, 163
RGB Percent	88%, 97%, 64%
CMY	0.1216, 0.0275, 0.3608
CMYK	0.10, 0.00, 0.34, 0.03
HSL	77°, 86%, 81%
HSV	77°, 34%, 97%
XYZ	70.9187, 85.6264, 47.4401
YIQ	231.1340, 12.9810, -31.5230

# Conversions

## Conversions Part 2

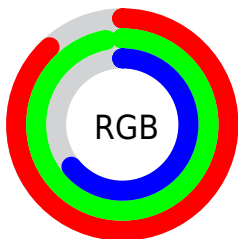
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 248, 187
Decimal	14743715
CIE <sub>Lab</sub>	94.15, -21.29, 38.30
CIE <sub>LCh</sub>	94, 43.819, 119.076
Yxy	85.6264, 0.3477, 0.4198
Android (android.graphics.Color)	4292933795 (0xFFE0F8A3)
YUV	231.1340, -33.5901, -6.2565
Hunter-Lab	92.5346, -25.1326, 34.3777

# Details

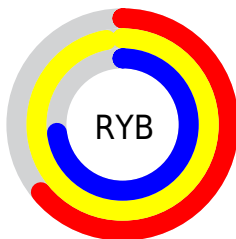
The YUV color  $231.1340, -33.5901, -6.2565$  is a light color, and the websafe version is hex  $CCFF99$ . A complement of this color would be  $179.8660, 33.5901, 6.2565$ , and the grayscale version is  $231.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $250.8960, -15.7247, 3.5992$ , and  $175.4760, -32.2797, -6.5565$  is the 20% darker color. If you saturate the color by 10%, you get  $226.1910, -43.4782, -8.0605$ , and if you desaturate by 10%, it is  $236.0770, -23.7020, -4.4525$ .

# Distribution



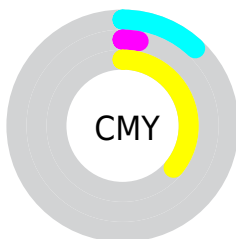
- Red (88%)
- Green (97%)
- Blue (64%)



- Red (64%)
- Yellow (97%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (34%)
- Black (3%)



- Cyan (12%)
- Magenta (3%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 231.1340, -33.5901, -6.2565 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 231.1340, -33.5901, -6.2565 by changing the saturation by 10% instead.



■ 231.1340,  
-33.5901, -6.2565

■ 231.1340,  
-33.5901, -6.2565

■ 255.0000, 0.0000,  
0.0000

■ 202.6610,  
-32.8639, -5.8417

■ 250.8960,  
-15.7247, 3.5992

■ 175.4760,  
-32.2797, -6.5565

■ 254.0880, -3.4944,  
0.7998

■ 148.1170,  
-31.1167, -6.2416

■ 121.9320,  
-30.5325, -6.9564

■ 97.0460, -30.0957,  
-7.0563

■ 71.8180, -30.9693,  
-6.8564

■ 50.1150, -24.7067,

-8.8709

■ 29.1390, -14.3655,  
-12.3999

■ 13.5010, -6.6560,  
-11.8404

■ 231.1340,  
-33.5901, -6.2565

■ 231.1340,  
-33.5901, -6.2565

■ 226.1910,  
-43.4782, -8.0605

■ 236.0770,  
-23.7020, -4.4525

■ 221.2480,  
-53.3663, -9.8645

■ 241.0200,  
-13.8139, -2.6485

■ 216.4190,  
-62.8176, -11.7685

■ 245.8490, -4.3626,  
-0.7446

■ 211.4760,  
-72.7057, -13.5725

■ 249.9940, 2.4680,  
1.7593

■ 206.5330,  
-82.5938, -15.3764

■ 250.8910, 2.0257,  
3.6036

■ 201.5900,  
-92.4819, -17.1804

■ 198.7980,  
-98.0074, -18.2398

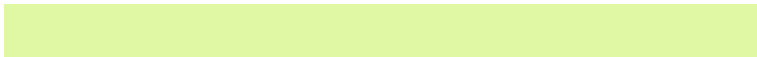
# Harmonies

## Analogous

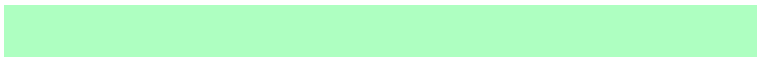
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.6320, -38.7656, 20.4937



231.1340, -33.5901, -6.2565



223.7130, -15.1415, -43.5983

# Triad

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



231.1340, -33.5901, -6.2565



211.9550, 21.2212, -86.7835



224.6410, 8.0650, 26.6248

# Complementary

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



231.1340, -33.5901, -6.2565



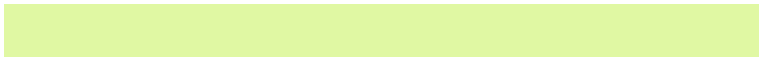
179.8660, 33.5901, 6.2565

# Split Complementary

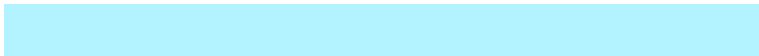
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.9330, 11.8650, 21.1068



231.1340, -33.5901, -6.2565



224.9330, 14.8230, -41.1602

# Square

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



231.1340, -33.5901, -6.2565



204.4690, 24.9118, -103.8973



235.2640, 9.7298, 5.9075



221.6140, -11.1487, 29.2795



# Rectangle

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



231.1340, -33.5901, -6.2565



216.7390, 2.1007, -67.3001



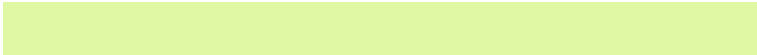
235.2640, 9.7298, 5.9075



226.8240, 13.8908, 24.7104

# Sweetspot

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



231.1340, -33.5901, -6.2565



250.0570, -9.8881, -1.8040



201.9160, -19.1856, 40.4157



124.6810, -6.2517, -1.4742



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

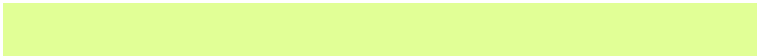


# Same Dimension

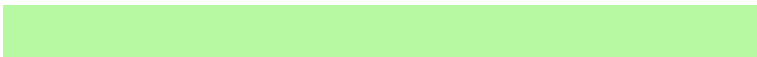
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.1340, -33.5901, -6.2565



234.0600, -41.4416, -7.9456



218.8750, -27.5464, -31.4624



122.3220, -5.0887, -1.1594



151.3080, -74.5948, -14.3021



48.9630, -24.1388, -4.3526



# Inverse Universe

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



179.8660, 33.5901, 6.2565



170.9400, 41.4416, 7.9456



192.1250, 27.5464, 31.4624



114.6780, 5.0887, 1.1594



37.3930, 74.7423, 13.6873

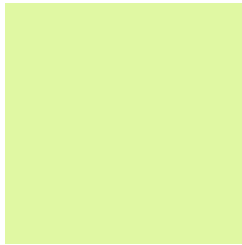


12.0370, 24.1388, 4.3526



# Previews

## White Background



This preview shows how the YUV color 231.1340, -33.5901, -6.2565 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

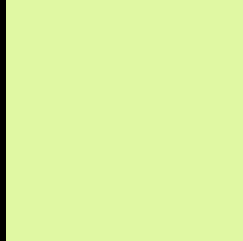
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 231.1340, -33.5901, -6.2565 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

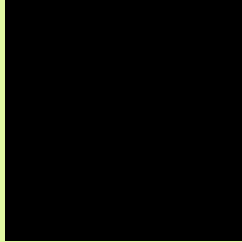
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

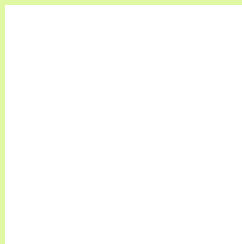
Any Text WCAG AAA ✓ Pass

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

# YUV 231.1340, -33.5901, -6.2565 Background



This preview shows how black text looks on a background with the YUV color 231.1340, -33.5901, -6.2565.



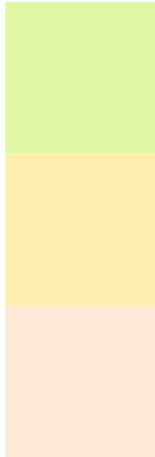
This preview shows how white text looks on a background with the YUV color 231.1340, -33.5901, -6.2565.

-6.2565.

# 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

231.1340, -33.5901, -6.2565

### Protanopia

235.6730, -30.8978, 16.9498

### Deuteranopia

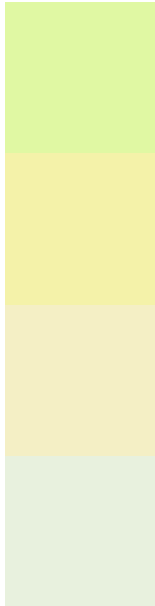
238.2270, -10.9579, 14.7099



## Tritanopia

238.7530, 8.0098, -2.4144

# Trichromacy



## Original Color

231.1340, -33.5901, -6.2565

## Protanomaly

234.2760, -32.1811, 8.5279

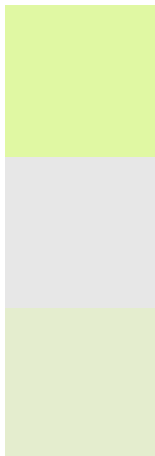
## Deuteranomaly

235.7070, -19.0826, 7.2730

## Tritanomaly

236.1430, -6.9725, -3.6334

# Monochromacy



## Original Color

231.1340, -33.5901, -6.2565

## Achromatopsia

231.0000, 0.0000, 0.0000

## Achromatomaly

230.7750, -12.2141, -2.4337

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 231.1340, -33.5901, -6.2565 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(224, 248, 163)` looks like.

```
.text, #text, p{  
    color:rgb(224, 248, 163)  
}
```

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(224, 248, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 248, 163) }
```

## Border

The CSS property to change the border of an element to YUV 231.1340, -33.5901, -6.2565 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(224, 248, 163) }
```



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

```
.border{ border-color:rgb(224, 248, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 248, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 248, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 248, 163); box-shadow:4px 4px 4px 4px rgb(224, 248, 163) }
```

# Background

The CSS property to change the background color of an element to YUV 231.1340, -33.5901, -6.2565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 248, 163) }
```

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

```
.background{ background-color: rgb(224,  
248, 163) }
```

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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