

# Converting Colors

YUV(215.2680, -33.6561,  
-31.8070)

Have a look what the booklet for  
YUV(215.2680, -33.6561, -31.8070)  
contains.

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# Color

**YUV(215.2680, -33.6561,  
-31.8070)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3F793
RGB	179, 247, 147
RGB Percent	70%, 97%, 58%
CMY	0.2980, 0.0314, 0.4235
CMYK	0.28, 0.00, 0.40, 0.03
HSL	101°, 86%, 77%
HSV	101°, 40%, 97%
XYZ	57.1176, 78.2118, 39.6897
YIQ	215.2680, -8.4280, -45.5160

# Conversions

## Conversions Part 2

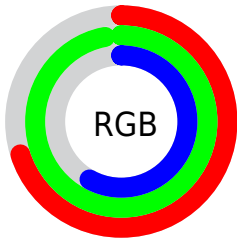
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 247, 215
Decimal	11794323
CIELab	90.88, -38.74, 41.40
CIElCh	91, 56.698, 133.096
Yxy	78.2118, 0.3264, 0.4469
Android (android.graphics.Color)	4289984403 (0xFFB3F793)
YUV	215.2680, -33.6561, -31.8070
Hunter-Lab	88.4374, -39.4807, 35.2975

# Details

The YUV color **215.2680, -33.6561, -31.8070** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **178.7320, 33.6561, 31.8070**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.5760, -20.4970, -5.7672**, and **159.4360, -31.7669, -31.0774** is the 20% darker color. If you saturate the color by 10%, you get **207.3350, -42.0702, -39.7588**, and if you desaturate by 10%, it is **223.2010, -25.2421, -23.8553**.

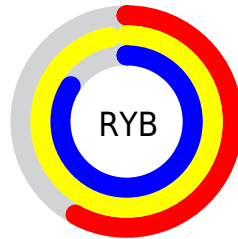
# Distribution



Red (70%)

Green (97%)

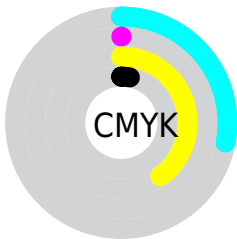
Blue (58%)



Red (58%)

Yellow (97%)

Blue (84%)

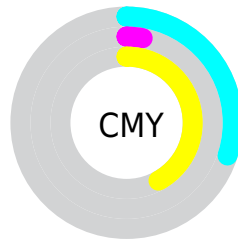


Cyan (28%)

Magenta (0%)

Yellow (40%)

Black (3%)



Cyan (30%)

Magenta (3%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 215.2680, -33.6561, -31.8070 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 215.2680, -33.6561, -31.8070 by changing the saturation by 10% instead.



■ 215.2680,  
-33.6561, -31.8070

■ 215.2680,  
-33.6561, -31.8070

255.0000, 0.0000,  
0.0000

■ 186.7950,  
-32.9299, -31.3922

■ 243.5760,  
-20.4970, -5.7672

■ 159.4360,  
-31.7669, -31.0774

■ 252.2640,  
-10.4832, 2.3995

■ 132.5500,  
-31.3302, -31.1774

■ 105.7780,  
-30.4566, -31.3773

■ 79.1800, -30.1617,  
-32.6069

■ 52.2760, -25.7721,  
-40.5841

■ 36.3940, -17.9422,

-31.9175

■ 23.4800, -11.5756,  
-20.5920

■ 3.5220, -1.7363,  
-3.0888

■ 215.2680,  
-33.6561, -31.8070

■ 215.2680,  
-33.6561, -31.8070

■ 207.3350,  
-42.0702, -39.7588

■ 223.2010,  
-25.2421, -23.8553

■ 199.5160,  
-50.0474, -47.8105

■ 231.0200,  
-17.2649, -15.8035

■ 191.8820,  
-58.6088, -55.1475

■ 238.6540, -8.7034,  
-8.4666

■ 183.9490,  
-67.0229, -63.0993

■ 246.5870, -0.2894,  
-0.5148

■ 176.0160,  
-75.4369, -71.0510

■ 250.3040, 2.3151,  
4.1184

■ 168.6100,  
-83.1247, -78.5880

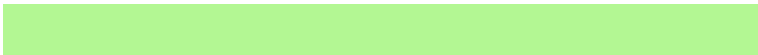
# Harmonies

## Analogous

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



221.9120, -50.2426, 14.9862



215.2680, -33.6561, -31.8070



202.1140, -3.5072, -88.6770

# Triad

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



215.2680, -33.6561, -31.8070



187.8570, 33.1015, -117.3926



208.4380, -0.7089, 40.8349

# Complementary

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



215.2680, -33.6561, -31.8070



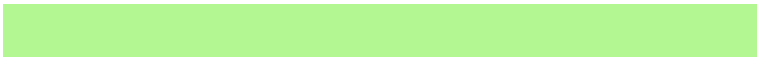
178.7320, 33.6561, 31.8070

# Split Complementary

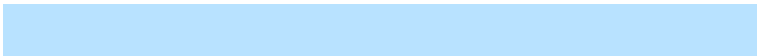
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216.2580, 19.0998, 33.9767



215.2680, -33.6561, -31.8070



216.7480, 18.8582, -28.7200

# Square

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



215.2680, -33.6561, -31.8070



178.1680, 37.8782, -156.2533



226.2370, 14.1802, 25.2252

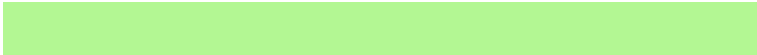


209.1950, -25.7321, 40.1710



# Rectangle

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



215.2680, -33.6561, -31.8070



176.2470, 27.9792, -154.5686



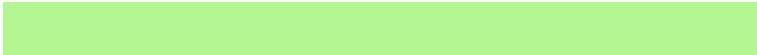
226.2370, 14.1802, 25.2252



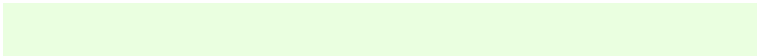
209.9030, 7.4428, 39.5501

# Sweetspot

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



215.2680, -33.6561, -31.8070



245.1870, -10.4452, -9.8110



216.2290, -34.1299, 26.9862



122.0610, -5.9461, -6.1925



0.0000, 0.0000, 0.0000

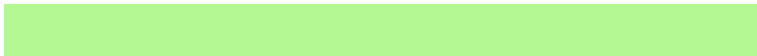


128.0000, 0.0000, 0.0000

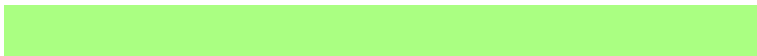


# Same Dimension

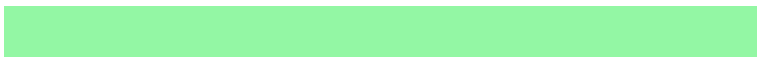
The Same Dimension uses a secret algorithm to generate beautiful new colors.



215.2680, -33.6561, -31.8070



215.3350, -42.0702, -39.7588



207.6380, -21.5135, -53.1795



118.2400, -4.0623, -3.7185



127.1220, -62.6711, -58.8660



40.3140, -19.8748, -18.6924



# Inverse Universe

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



178.7320, 33.6561, 31.8070



169.6650, 42.0702, 39.7588



186.3620, 21.5135, 53.1795



113.7600, 4.0623, 3.7185



59.1770, 62.5237, 59.4808

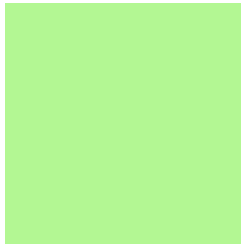


18.6860, 19.8748, 18.6924



# Previews

## White Background



This preview shows how the YUV color 215.2680, -33.6561, -31.8070 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 215.2680, -33.6561, -31.8070 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

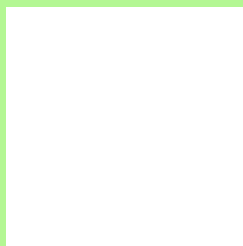
Any Text WCAG AAA ✓ Pass

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

# YUV 215.2680, -33.6561, -31.8070 Background



This preview shows how black text looks on a background with the YUV color 215.2680, -33.6561, -31.8070.



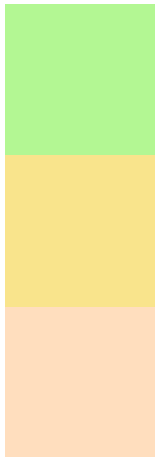
This preview shows how white text looks on a background with the YUV color 215.2680, -33.6561, -31.8070.

-31.8070.

# 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

215.2680, -33.6561, -31.8070

### Protanopia

224.2470, -41.5338, 21.7084

### Deuteranopia

228.2190, -18.8420, 23.4869



## Tritanopia

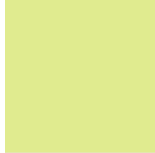
224.8040, 13.9006, -25.2611

# Trichromacy



## Original Color

215.2680, -33.6561, -31.8070



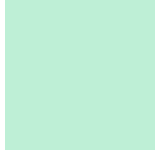
## Protanomaly

221.2230, -38.5639, 2.4354



## Deuteranomaly

223.3060, -24.3079, 3.2396



## Tritanomaly

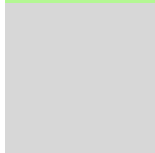
221.4990, -3.6970, -27.6246

# Monochromacy



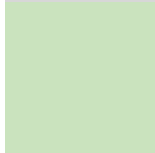
## Original Color

215.2680, -33.6561, -31.8070



## Achromatopsia

215.0000, 0.0000, 0.0000



## Achromatomaly

215.3070, -12.4764, -11.6702

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 215.2680, -33.6561, -31.8070 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(179, 247, 147)` looks like.

```
.text, #text, p{  
    color:rgb(179, 247, 147)  
}
```

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(179, 247, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 247, 147) }
```

## Border

The CSS property to change the border of an element to YUV 215.2680, -33.6561, -31.8070 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(179, 247, 147) }
```



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

```
.border{ border-color:rgb(179, 247, 147) }
```

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

Here you see how a box with a 4 pixel rgb(179, 247, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 247, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 247, 147);  
box-shadow:4px 4px 4px 4px rgb(179, 247,  
147) }
```

# Background

The CSS property to change the background color of an element to YUV 215.2680, -33.6561, -31.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 247, 147) }
```

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

```
.background{ background-color: rgb(179,  
247, 147) }
```

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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