

# Converting Colors

YUV(213.9800, -33.5141,  
-30.6775)

Have a look what the booklet for  
YUV(213.9800, -33.5141, -30.6775)  
contains.

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# Color

**YUV(213.9800, -33.5141,  
-30.6775)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3F592
RGB	179, 245, 146
RGB Percent	70%, 96%, 57%
CMY	0.2980, 0.0392, 0.4275
CMYK	0.27, 0.00, 0.40, 0.04
HSL	100°, 83%, 77%
HSV	100°, 40%, 96%
XYZ	56.4311, 76.9638, 39.0754
YIQ	213.9800, -7.5570, -44.7810

# Conversions

## Conversions Part 2

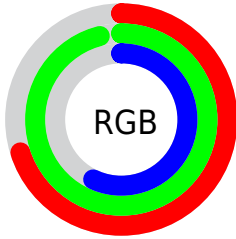
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">146, 245, 212</a>
Decimal	<a href="#">11793810</a>
CIELab	<a href="#">90.30, -37.97, 41.16</a>
CIElCh	<a href="#">90, 55.998, 132.695</a>
Yxy	<a href="#">76.9638, 0.3272, 0.4462</a>
Android (android.graphics.Color)	<a href="#">4289983890 (0xFFB3F592)</a>
YUV	<a href="#">213.9800, -33.5141, -30.6775</a>
Hunter-Lab	<a href="#">87.7290, -38.7069, 35.0020</a>

# Details

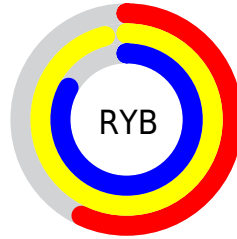
The YUV color **213.9800, -33.5141, -30.6775** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **177.0200, 33.5141, 30.6775**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.1630, -20.7864, -6.2820**, and **158.1480, -31.6250, -29.9478** is the 20% darker color. If you saturate the color by 10%, you get **206.4600, -41.6388, -38.1144**, and if you desaturate by 10%, it is **221.6140, -24.9527, -23.3405**.

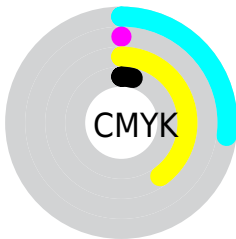
# Distribution



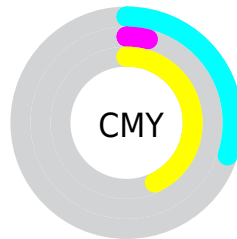
- Red (70%)
- Green (96%)
- Blue (57%)



- Red (57%)
- Yellow (96%)
- Blue (83%)



- Cyan (27%)
- Magenta (0%)
- Yellow (40%)
- Black (4%)



- Cyan (30%)
- Magenta (4%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 213.9800, -33.5141, -30.6775 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 213.9800, -33.5141, -30.6775 by changing the saturation by 10% instead.



■ 213.9800,  
-33.5141, -30.6775

■ 213.9800,  
-33.5141, -30.6775

255.0000, 0.0000,  
0.0000

■ 185.6210,  
-32.3512, -30.3626

■ 243.1630,  
-20.7864, -6.2820

■ 158.1480,  
-31.6250, -29.9478

■ 252.0360,  
-11.3567, 2.5994

■ 131.3760,  
-30.7514, -30.1478

■ 105.1910,  
-30.1672, -30.8625

■ 78.7780, -30.4566,  
-31.3773

■ 51.7000, -25.4881,  
-38.3249

■ 35.2200, -17.3635,

-30.8879

■ 22.8930, -11.2862,  
-20.0772

■ 1.1740, -0.5788,  
-1.0296

■ 213.9800,  
-33.5141, -30.6775

■ 213.9800,  
-33.5141, -30.6775

■ 206.4600,  
-41.6388, -38.1144

■ 221.6140,  
-24.9527, -23.3405

■ 198.5270,  
-50.0528, -46.0662

■ 229.4330,  
-16.9755, -15.2887

■ 190.8930,  
-58.6142, -53.4032

■ 237.0670, -8.4140,  
-7.9518

■ 183.3730,  
-66.7389, -60.8401

■ 244.5870, -0.2894,  
-0.5148

■ 175.4400,  
-75.1529, -68.7919

■ 249.1300, 2.8939,  
5.1480

■ 168.3330,  
-82.9882, -75.7140

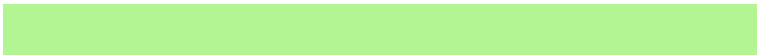
# Harmonies

## Analogous

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



220.4390, -49.5164, 15.4010



213.9800, -33.5141, -30.6775



201.4240, -3.6600, -86.3178

# Triad

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



213.9800, -33.5141, -30.6775



187.5690, 33.2435, -116.2630



207.7370, -0.8563, 41.4497

# Complementary

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



213.9800, -33.5141, -30.6775



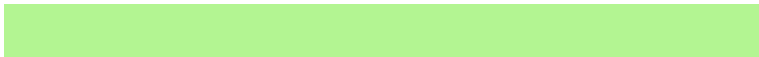
177.0200, 33.5141, 30.6775

# Split Complementary

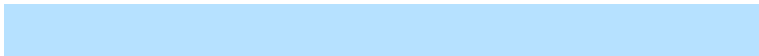
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.6710, 19.3892, 34.4915



213.9800, -33.5141, -30.6775



215.5630, 19.4424, -29.4348

# Square

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



213.9800, -33.5141, -30.6775



176.9940, 38.4570, -155.2237



225.6500, 14.4696, 25.7400

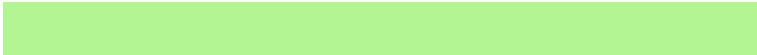


208.6080, -25.4427, 40.6858



# Rectangle

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



213.9800, -33.5141, -30.6775



175.9050, 26.6688, -154.2687



225.6500, 14.4696, 25.7400



209.2020, 7.2954, 40.1648

# Sweetspot

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



213.9800, -33.5141, -30.6775



245.4860, -10.5926, -9.1962



214.3430, -33.6931, 26.8862



122.3600, -6.0935, -5.5777



0.0000, 0.0000, 0.0000

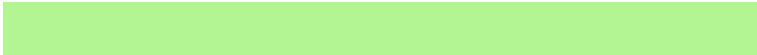


128.0000, 0.0000, 0.0000

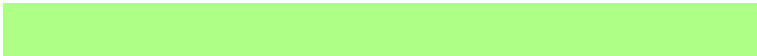


# Same Dimension

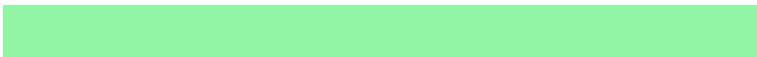
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.9800, -33.5141, -30.6775



216.5740, -41.2020, -38.2144



206.0510, -21.2241, -52.6647



118.2400, -4.0623, -3.7185



127.7200, -62.9660, -57.6364



40.6130, -20.0222, -18.0776



# Inverse Universe

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



177.0200, 33.5141, 30.6775



171.1270, 41.3494, 37.5996



184.9490, 21.2241, 52.6647



113.7600, 4.0623, 3.7185



58.2800, 62.9660, 57.6364

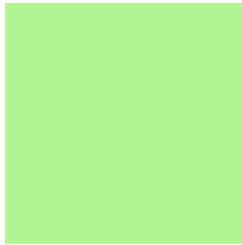


18.3870, 20.0222, 18.0776



# Previews

## White Background



This preview shows how the YUV color 213.9800, -33.5141, -30.6775 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

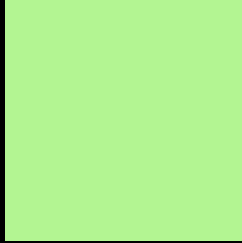
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 213.9800, -33.5141, -30.6775 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

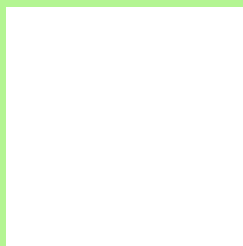
Any Text WCAG AAA ✓ Pass

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

# YUV 213.9800, -33.5141, -30.6775 Background



This preview shows how black text looks on a background with the YUV color 213.9800, -33.5141, -30.6775.



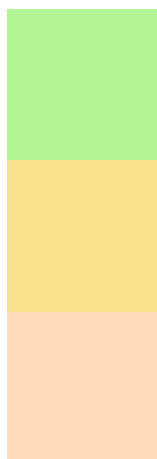
This preview shows how white text looks on a background with the YUV color 213.9800, -33.5141, -30.6775.

-30.6775.

# 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

213.9800, -33.5141, -30.6775

### Protanopia

222.3610, -41.0970, 21.6084

### Deuteranopia

226.4750, -20.4472, 25.0164



## Tritanopia

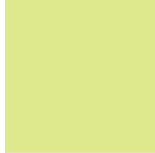
223.9890, 13.3164, -24.5464

# Trichromacy



## Original Color

213.9800, -33.5141, -30.6775



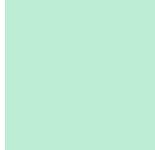
## Protanomaly

219.3370, -38.1271, 2.3355



## Deuteranomaly

221.7900, -25.0395, 4.5692



## Tritanomaly

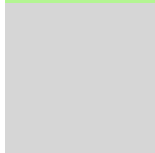
220.2110, -3.5550, -26.4950

# Monochromacy



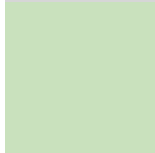
## Original Color

213.9800, -33.5141, -30.6775



## Achromatopsia

214.0000, 0.0000, 0.0000



## Achromatomaly

213.7200, -12.1870, -11.1554

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 213.9800, -33.5141, -30.6775 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, 245, 146)` looks like.

```
.text, #text, p{  
    color:rgb(179, 245, 146)  
}
```

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, 245, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 245, 146) }
```

## Border

The CSS property to change the border of an element to YUV 213.9800, -33.5141, -30.6775 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, 245, 146) }
```



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

```
.border{ border-color:rgb(179, 245, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 245, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 245, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 245, 146); box-shadow:4px 4px 4px 4px rgb(179, 245, 146) }
```

# Background

The CSS property to change the background color of an element to YUV 213.9800, -33.5141, -30.6775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 245, 146) }
```

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

```
.background{ background-color: rgb(179,  
245, 146) }
```

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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