

# Converting Colors

YUV(239.9990, -35.4955,  
-1.7531)

Have a look what the booklet for  
YUV(239.9990, -35.4955, -1.7531)  
contains.

<b>YUV(239.9990, -35.4955, -1.7531)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(239.9990, -35.4955,  
-1.7531)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEFFA8
RGB	238, 255, 168
RGB Percent	93%, 100%, 66%
CMY	0.0667, 0.0000, 0.3412
CMYK	0.07, 0.00, 0.34, 0.00
HSL	72°, 100%, 83%
HSV	72°, 34%, 100%
XYZ	78.0878, 92.5243, 50.7891
YIQ	239.9990, 17.7950, -30.6610

# Conversions

## Conversions Part 2

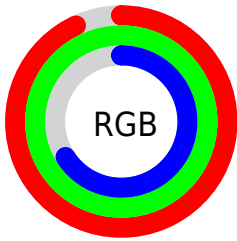
Format	Color
<a href="#">RYB</a>	<a href="#">168, 255, 185</a>
Decimal	<a href="#">15663016</a>
CIELab	<a href="#">97.03, -18.92, 39.78</a>
CIElCh	<a href="#">97, 44.050, 115.440</a>
Yxy	<a href="#">92.5243, 0.3527, 0.4179</a>
Android (android.graphics.Color)	<a href="#">4293853096 (0xFFEEFFA8)</a>
YUV	<a href="#">239.9990, -35.4955, -1.7531</a>
Hunter-Lab	<a href="#">96.1896, -23.4234, 36.0269</a>

# Details

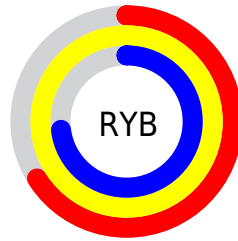
The YUV color  $239.9990, -35.4955, -1.7531$  is a light color, and the websafe version is hex  $FFFF99$ . A complement of this color would be  $183.0010, 35.4955, 1.7531$ , and the grayscale version is  $240.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.4660, -13.5407, 3.0993$ , and  $183.4550, -33.7483, -2.1530$  is the 20% darker color. If you saturate the color by 10%, you get  $235.6540, -45.6784, -2.3276$ , and if you desaturate by 10%, it is  $244.4580, -24.8758, -1.2787$ .

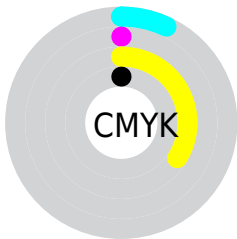
# Distribution



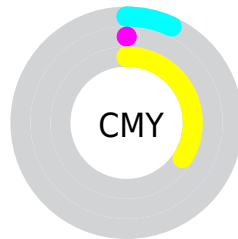
- Red (93%)
- Green (100%)
- Blue (66%)



- Red (66%)
- Yellow (100%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 239.9990, -35.4955, -1.7531 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 239.9990, -35.4955, -1.7531 by changing the saturation by 10% instead.



239.9990,  
-35.4955, -1.7531

239.9990,  
-35.4955, -1.7531

255.0000, 0.0000,  
0.0000

211.2270,  
-34.6219, -1.9531

251.4660,  
-13.5407, 3.0993

183.4550,  
-33.7483, -2.1530

254.7720, -0.8736,  
0.2000

156.5690,  
-33.3115, -2.2530

129.7970,  
-32.4379, -2.4530

104.6120,  
-31.8537, -3.1677

79.1990, -32.1431,  
-3.6825

56.3390, -27.7751,

-4.6823

■ 36.2490, -17.8708,  
-8.1114

■ 16.4360, -8.1029,  
-14.4144

■ 239.9990,  
-35.4955, -1.7531

■ 239.9990,  
-35.4955, -1.7531

■ 235.6540,  
-45.6784, -2.3276

■ 244.4580,  
-24.8758, -1.2787

■ 231.1950,  
-56.2981, -2.8020

■ 248.8030,  
-14.6929, -0.7042

■ 226.7360,  
-66.9178, -3.2765

■ 253.2620, -4.0732,  
-0.2298

■ 222.3910,  
-77.1008, -3.8509

■ 255.0000, 0.0000,  
0.0000

■ 217.9320,  
-87.7205, -4.3254

■ 213.5870,  
-97.9034, -4.8998

■ 210.9800,  
-104.0131, -5.2445

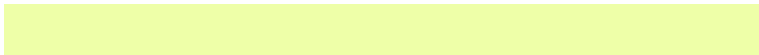
# Harmonies

## Analogous

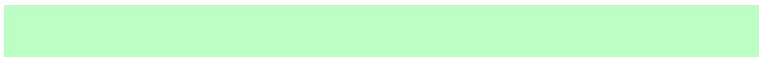
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.6530, -37.2969, 16.0903



239.9990, -35.4955, -1.7531



228.3550, -15.4580, -35.3913

# Triad

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



239.9990, -35.4955, -1.7531



213.1400, 20.6370, -86.0688



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.



239.9990, -35.4955, -1.7531



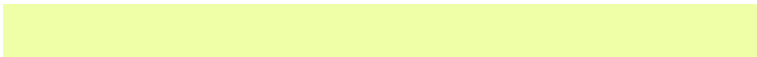
183.0010, 35.4955, 1.7531

# 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



239.9990, -35.4955, -1.7531



230.8030, 11.9291, -46.3082

# Square

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



239.9990, -35.4955, -1.7531



208.0570, 23.1429, -96.5200



241.4330, 6.6885, 1.3743



227.2050, -7.4961, 24.3762



# Rectangle

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



239.9990, -35.4955, -1.7531



221.2670, 1.3474, -58.9932



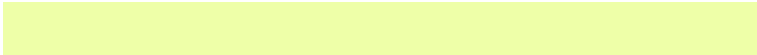
241.4330, 6.6885, 1.3743



232.1070, 11.2862, 20.0772

# Sweetspot

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



239.9990, -35.4955, -1.7531



250.6550, -10.1829, -0.5744



203.4050, -17.4547, 45.2488



125.2790, -6.5465, -0.2447



0.0000, 0.0000, 0.0000

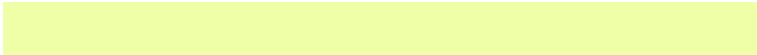


128.0000, 0.0000, 0.0000



# Same Dimension

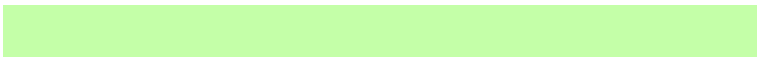
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.9990, -35.4955, -1.7531



237.0500, -42.9156, -1.7978



227.4410, -29.3044, -27.5738



125.6210, -5.2362, -0.5446



158.1630, -77.9744, -3.6510



52.8170, -26.0388, -1.5935



# Inverse Universe

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



183.0010, 35.4955, 1.7531



168.2490, 42.7682, 2.4126



195.5590, 29.3044, 27.5738



117.0800, 5.3836, -0.0702



32.8370, 77.9744, 3.6510

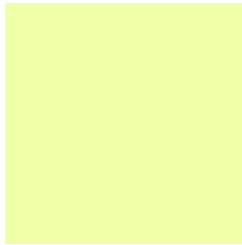


10.8840, 26.1862, 0.9787



# Previews

## White Background



This preview shows how the YUV color 239.9990, -35.4955, -1.7531 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

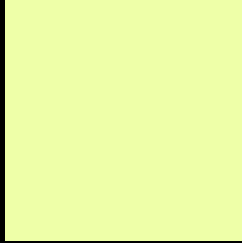
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 239.9990, -35.4955, -1.7531 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

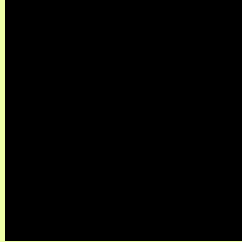
Any Text WCAG AA ✓ Pass

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 239.9990, -35.4955, -1.7531 Background



This preview shows how black text looks on a background with the YUV color 239.9990, -35.4955, -1.7531.



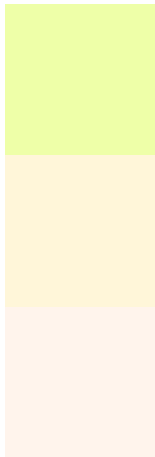
This preview shows how white text looks on a background with the YUV color 239.9990, -35.4955, -1.7531.

-1.7531.

# 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

239.9990, -35.4955, -1.7531

### Protanopia

245.3850, -13.9938, 8.4324

### Deuteranopia

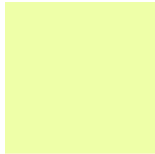
246.3770, -5.1159, 7.5624



## Tritanopia

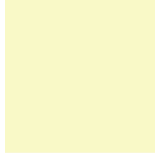
247.0370, 3.9258, 0.8446

# Trichromacy



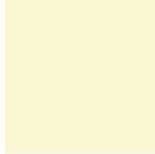
## Original Color

239.9990, -35.4955, -1.7531



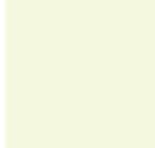
## Protanomaly

243.3000, -21.8399, 4.9989



## Deuteranomaly

244.0810, -16.3089, 4.3140



## Tritanomaly

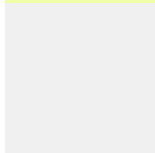
244.5410, -10.6197, -0.4745

# Monochromacy



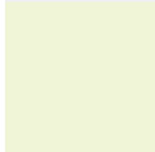
## Original Color

239.9990, -35.4955, -1.7531



## Achromatopsia

240.0000, 0.0000, 0.0000



## Achromatomaly

239.6720, -12.6563, -0.5893

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 239.9990, -35.4955, -1.7531 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(238, 255, 168)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 168)  
}
```

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(238, 255, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 168) }
```

## Border

The CSS property to change the border of an element to YUV 239.9990, -35.4955, -1.7531 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(238, 255, 168) }
```



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

```
.border{ border-color:rgb(238, 255, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 168);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
168) }
```

# Background

The CSS property to change the background color of an element to YUV 239.9990, -35.4955, -1.7531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 168) }
```

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

```
.background{ background-color: rgb(238,  
255, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor