

# Converting Colors

YUV(243.1460, -35.0750,  
3.3800)

Have a look what the booklet for  
YUV(243.1460, -35.0750, 3.3800)  
contains.

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# Color

**YUV(243.1460, -35.0750,  
3.3800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7FFAC
RGB	247, 255, 172
RGB Percent	97%, 100%, 67%
CMY	0.0314, 0.0000, 0.3255
CMYK	0.03, 0.00, 0.33, 0.00
HSL	66°, 100%, 84%
HSV	66°, 33%, 100%
XYZ	81.5642, 94.2727, 52.9273
YIQ	243.1460, 21.8750, -27.5090

# Conversions

## Conversions Part 2

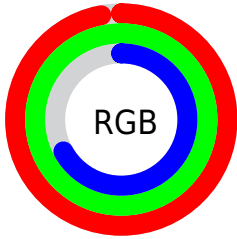
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 255, 180
Decimal	16252844
CIELab	97.74, -15.12, 38.85
CIElCh	98, 41.692, 111.270
Yxy	94.2727, 0.3565, 0.4121
Android (android.graphics.Color)	4294442924 (0xFF7FFAC)
YUV	243.1460, -35.0750, 3.3800
Hunter-Lab	97.0941, -19.9654, 35.6461

# Details

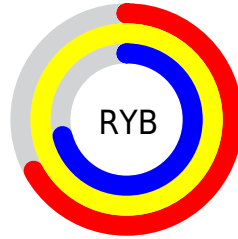
The YUV color  $243.1460, -35.0750, 3.3800$  is a light color, and the websafe version is hex  $FFFF99$ . A complement of this color would be  $183.8540, 35.0750, -3.3800$ , and the grayscale version is  $243.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.9220, -11.7935, 2.6994$ , and  $186.6020, -33.3278, 2.9800$  is the 20% darker color. If you saturate the color by 10%, you get  $239.6980, -45.7001, 4.6499$ , and if you desaturate by 10%, it is  $246.7080, -24.0130, 2.0101$ .

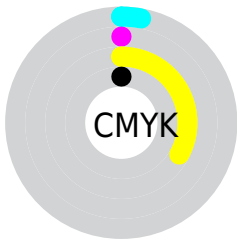
# Distribution



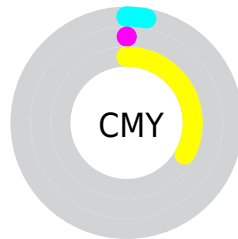
- Red (97%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (71%)



- Cyan (3%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 243.1460, -35.0750, 3.3800 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 243.1460, -35.0750, 3.3800 by changing the saturation by 10% instead.



243.1460,  
-35.0750, 3.3800

243.1460,  
-35.0750, 3.3800

255.0000, 0.0000,  
0.0000

214.3740,  
-34.2014, 3.1800

251.9220,  
-11.7935, 2.6994

186.6020,  
-33.3278, 2.9800

159.4170,  
-32.7436, 2.2653

133.2320,  
-32.1594, 1.5505

107.4600,  
-31.2858, 1.3506

82.1610, -31.1384,  
0.7358

59.0190, -29.0964,

-0.8937

■ 38.6410, -19.0500,  
-3.1932

■ 17.6320, -8.6926,  
-11.9553

■ 243.1460,  
-35.0750, 3.3800

■ 243.1460,  
-35.0750, 3.3800

■ 239.6980,  
-45.7001, 4.6499

■ 246.7080,  
-24.0130, 2.0101

■ 235.8370,  
-56.6146, 5.4050

■ 250.4550,  
-13.5353, 1.3550

■ 232.3890,  
-67.2398, 6.6748

■ 254.0170, -2.4734,  
-0.0149

■ 228.5280,  
-78.1543, 7.4299

■ 255.0000, 0.0000,  
0.0000

■ 225.0800,  
-88.7794, 8.6998

■ 221.2190,  
-99.6940, 9.4549

■ 218.4550,  
-107.6983, 10.1250

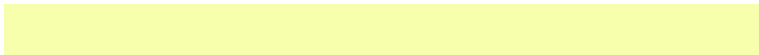
# Harmonies

## Analogous

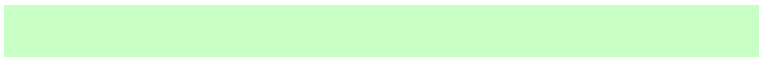
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.5650, -33.8025, 15.2905



243.1460, -35.0750, 3.3800



231.9430, -17.2269, -28.0140

# Triad

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



243.1460, -35.0750, 3.3800



216.1300, 19.1629, -79.9210



233.8680, 10.4181, 18.5328

# Complementary

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



243.1460, -35.0750, 3.3800



183.8540, 35.0750, -3.3800

# 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.



239.1510, 7.8136, 13.8996



243.1460, -35.0750, 3.3800



231.3790, 11.6452, -48.5674

# Square

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



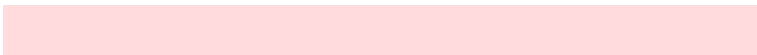
243.1460, -35.0750, 3.3800



213.7380, 20.3422, -84.8392



242.2860, 6.2680, -3.7588



229.9920, -4.4331, 21.9320

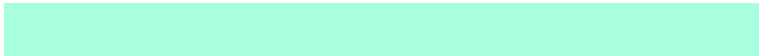


# Rectangle

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



243.1460, -35.0750, 3.3800



225.1110, -2.0267, -50.0863



242.2860, 6.2680, -3.7588



235.0420, 9.8393, 17.5032

# Sweetspot

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



243.1460, -35.0750, 3.3800



251.5520, -10.6251, 1.2699



200.9260, -14.2605, 47.4229



125.5780, -6.6940, 0.3701



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

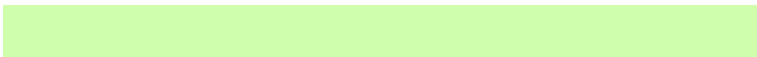
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.1460, -35.0750, 3.3800



240.7240, -41.7689, 3.7501



231.1860, -29.1787, -21.2111



125.9200, -5.3836, 0.0702



163.8440, -80.7751, 8.0298



54.9100, -27.0706, 2.7099



# Inverse Universe

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



183.8540, 35.0750, -3.3800



169.9770, 41.9163, -4.3648



195.8140, 29.1787, 21.2111



116.7810, 5.5310, -0.6849



27.1560, 80.7751, -8.0298

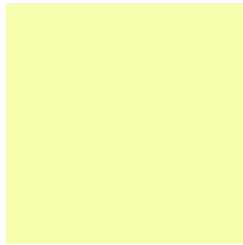


9.0900, 27.0706, -2.7099



# Previews

## White Background



This preview shows how the YUV color 243.1460, -35.0750, 3.3800 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

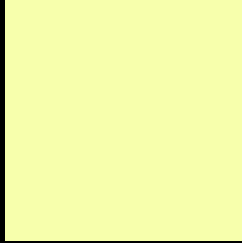
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 243.1460, -35.0750, 3.3800 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

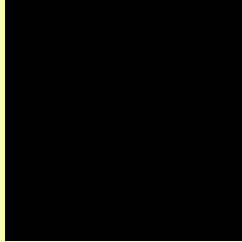
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 243.1460, -35.0750, 3.3800

## Background



This preview shows how black text looks on a background with the YUV color 243.1460, -35.0750, 3.3800.



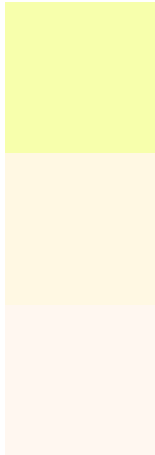
This preview shows how white text looks on a background with the YUV color 243.1460, -35.0750, 3.3800.

3.3800.

# 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

243.1460, -35.0750, 3.3800

### Protanopia

247.6990, -10.2046, 6.4030

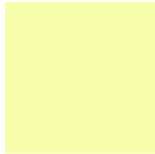
### Deuteranopia

248.5940, -4.2368, 5.6181

## Tritanopia

249.1190, 2.8993, 3.4036

# Trichromacy



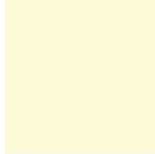
## Original Color

243.1460, -35.0750, 3.3800



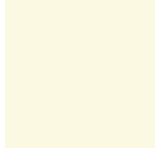
## Protanomaly

246.2830, -19.3665, 5.0138



## Deuteranomaly

246.6080, -15.5827, 4.7288



## Tritanomaly

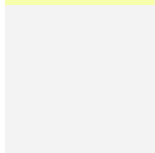
246.8620, -10.7780, 3.6290

# Monochromacy



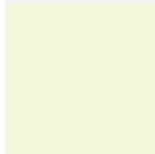
## Original Color

243.1460, -35.0750, 3.3800



## Achromatopsia

243.0000, 0.0000, 0.0000



## Achromatomaly

242.6830, -12.6617, 1.1550

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 243.1460, -35.0750, 3.3800 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(247, 255, 172)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 172)  
}
```

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(247, 255, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 172) }
```

## Border

The CSS property to change the border of an element to YUV 243.1460, -35.0750, 3.3800 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(247, 255, 172) }
```



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

```
.border{ border-color:rgb(247, 255, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 255, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 172);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
172) }
```

# Background

The CSS property to change the background color of an element to YUV 243.1460, -35.0750, 3.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 172) }
```

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

```
.background{ background-color: rgb(247,  
255, 172) }
```

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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