

# Converting Colors

YUV(230.0530, -47.3541,  
21.8785)

Have a look what the booklet for  
YUV(230.0530, -47.3541, 21.8785)  
contains.

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# Color

**YUV(230.0530, -47.3541,  
21.8785)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFEC86
RGB	255, 236, 134
RGB Percent	100%, 93%, 53%
CMY	0.0000, 0.0745, 0.4745
CMYK	0.00, 0.07, 0.47, 0.00
HSL	51°, 100%, 76%
HSV	51°, 47%, 100%
XYZ	75.5385, 82.9721, 34.5882
YIQ	230.0530, 44.0660, -27.6940

# Conversions

## Conversions Part 2

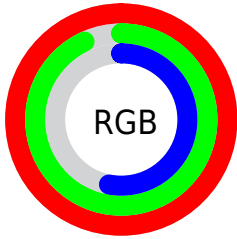
Format	Color
<a href="#">RYB</a>	<a href="#">157, 255, 134</a>
Decimal	<a href="#">16772230</a>
CIELab	<a href="#">93.00, -6.70, 51.47</a>
CIElCh	<a href="#">93, 51.904, 97.412</a>
Yxy	<a href="#">82.9721, 0.3912, 0.4297</a>
Android (android.graphics.Color)	<a href="#">4294962310 (0xFFFFEC86)</a>
YUV	<a href="#">230.0530, -47.3541, 21.8785</a>
Hunter-Lab	<a href="#">91.0890, -11.3789, 41.2488</a>

# Details

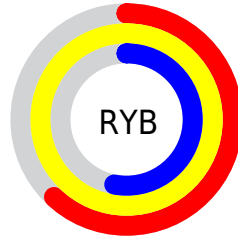
The YUV color **230.0530, -47.3541, 21.8785** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **158.9470, 47.3541, -21.8785**, and the grayscale version is **230.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.4760, -28.8287, 6.5985**, and **173.4980, -45.6015, 19.7343** is the 20% darker color. If you saturate the color by 10%, you get **224.8550, -57.1165, 26.4372**, and if you desaturate by 10%, it is **235.3650, -37.1549, 17.2199**.

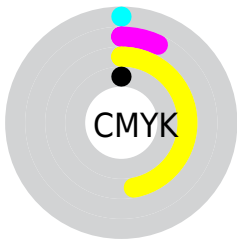
# Distribution



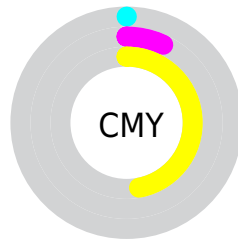
- Red (100%)
- Green (93%)
- Blue (53%)



- Red (62%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (7%)
- Yellow (47%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 230.0530, -47.3541, 21.8785 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 230.0530, -47.3541, 21.8785 by changing the saturation by 10% instead.



230.0530,  
-47.3541, 21.8785

230.0530,  
-47.3541, 21.8785

255.0000, 0.0000,  
0.0000

201.5690,  
-46.6225, 20.5490

247.4760,  
-28.8287, 6.5985

173.4980,  
-45.6015, 19.7343

250.6680,  
-16.5983, 3.7992

146.9000,  
-45.3067, 18.5047

253.9740, -3.9312,  
0.8998

120.1880,  
-45.4487, 17.3751

93.9490, -46.3169,  
15.8307

72.0870, -35.5389,  
12.2017

51.3990, -25.3397,

7.5431

■ 31.0100, -15.2879,  
3.4992

■ 8.8050, -4.3409,  
-7.7220

■ 230.0530,  
-47.3541, 21.8785

■ 230.0530,  
-47.3541, 21.8785

■ 224.8550,  
-57.1165, 26.4372

■ 235.3650,  
-37.1549, 17.2199

■ 219.5430,  
-67.3157, 31.0958

■ 240.5630,  
-27.3926, 12.6612

■ 214.3450,  
-77.0781, 35.6544

■ 245.8750,  
-17.1934, 8.0026

■ 209.0330,  
-87.2773, 40.3131

■ 251.0730, -7.4310,  
3.4440

■ 203.8350,  
-97.0397, 44.8717

255.0000, 0.0000,  
0.0000

■ 202.4500,  
-99.8078, 46.0864

# Harmonies

## Analogous

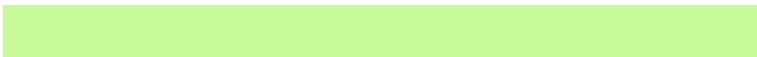
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.1000, -38.5033, 29.7303



230.0530, -47.3541, 21.8785



224.2910, -35.1465, -20.4262

# Triad

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



230.0530, -47.3541, 21.8785



178.7550, 37.5888, -156.7681



223.3020, 15.6271, 27.7991

# Complementary

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



230.0530, -47.3541, 21.8785



158.9470, 47.3541, -21.8785

# 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.



232.6940, 10.9969, 19.5624



230.0530, -47.3541, 21.8785



199.4410, 27.3906, -105.6268

# Square

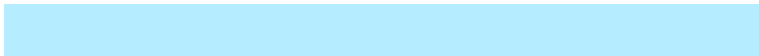
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.0530, -47.3541, 21.8785



191.7820, 26.7295, -126.9738



221.7210, 16.4065, -35.7123



216.2460, 3.8227, 33.9873

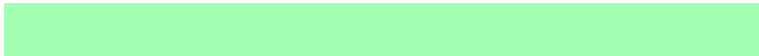


# Rectangle

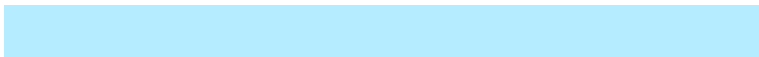
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.0530, -47.3541, 21.8785



217.9310, -19.1930, -50.8055



221.7210, 16.4065, -35.7123



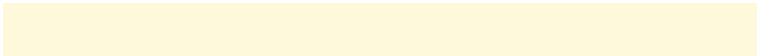
226.2370, 14.1802, 25.2252

# Sweetspot

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



230.0530, -47.3541, 21.8785



247.3740, -13.9884, 6.6880



172.4590, -9.1003, 72.3885



123.1440, -8.4520, 4.2587



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

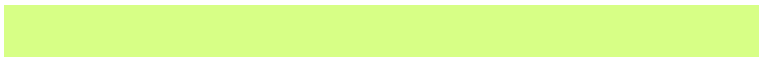
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.0530, -47.3541, 21.8785



224.9690, -56.6797, 26.3372



229.2460, -46.9563, -12.4937



124.7570, -4.8102, 2.8441



151.6160, -74.7467, 34.5398



50.8340, -25.0612, 11.5466



# Inverse Universe

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



158.9470, 47.3541, -21.8785



139.4440, 56.9691, -25.8224



159.7540, 46.9563, 12.4937



117.6560, 5.0996, -2.3293



39.3840, 74.7467, -34.5398



13.1660, 25.0612, -11.5466



# Previews

## White Background



This preview shows how the YUV color 230.0530, -47.3541, 21.8785 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

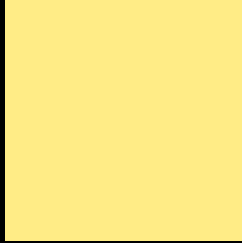
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 230.0530, -47.3541, 21.8785 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

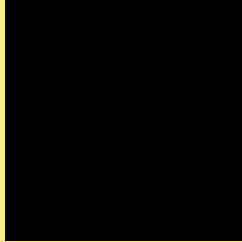
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 230.0530, -47.3541, 21.8785

## Background



This preview shows how black text looks on a background with the YUV color 230.0530, -47.3541, 21.8785.



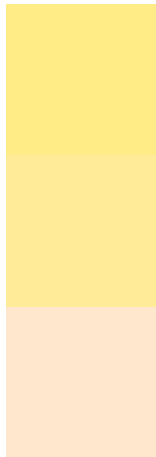
This preview shows how white text looks on a background with the YUV color 230.0530, -47.3541, 21.8785.



# 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

230.0530, -47.3541, 21.8785

### Protanopia

231.5180, -39.2024, 20.5937

### Deuteranopia

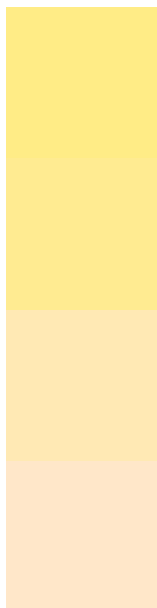
235.3260, -14.4577, 17.2541



## Tritanopia

237.3270, 0.8248, 15.4992

# Trichromacy



## Original Color

230.0530, -47.3541, 21.8785

## Protanomaly

230.7200, -42.2600, 21.2936

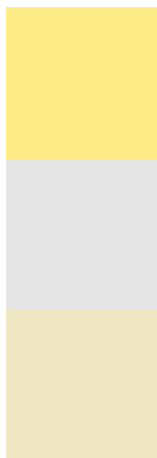
## Deuteranomaly

233.5360, -26.3932, 18.8239

## Tritanomaly

234.7560, -16.6417, 17.7540

# Monochromacy



## Original Color

230.0530, -47.3541, 21.8785

## Achromatopsia

230.0000, 0.0000, 0.0000

## Achromatomaly

229.8750, -17.1934, 8.0026

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 230.0530, -47.3541, 21.8785 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(255, 236, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 134)  
}
```

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(255, 236, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 134) }
```

## Border

The CSS property to change the border of an element to YUV 230.0530, -47.3541, 21.8785 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(255, 236, 134) }
```



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

```
.border{ border-color:rgb(255, 236, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
134) }
```

# Background

The CSS property to change the background color of an element to YUV 230.0530, -47.3541, 21.8785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 134) }
```

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

```
.background{ background-color: rgb(255,  
236, 134) }
```

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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