

# Converting Colors

YUV(229.0870, -52.3009,  
21.8487)

Have a look what the booklet for  
YUV(229.0870, -52.3009, 21.8487)  
contains.

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# Color

**YUV(229.0870, -52.3009,  
21.8487)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FEED7B
RGB	254, 237, 123
RGB Percent	100%, 93%, 48%
CMY	0.0039, 0.0706, 0.5176
CMYK	0.00, 0.07, 0.52, 0.00
HSL	52°, 98%, 74%
HSV	52°, 52%, 100%
XYZ	74.7324, 83.0693, 30.8340
YIQ	229.0870, 46.7260, -31.8500

# Conversions

## Conversions Part 2

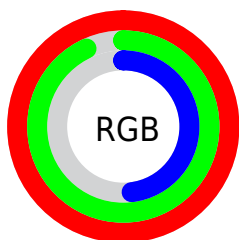
Format	Color
<a href="#">RYB</a>	<a href="#">143, 254, 123</a>
Decimal	<a href="#">16706939</a>
CIELab	<a href="#">93.04, -8.53, 56.67</a>
CIELCh	<a href="#">93, 57.310, 98.562</a>
Yxy	<a href="#">83.0693, 0.3962, 0.4404</a>
Android (android.graphics.Color)	<a href="#">4294897019</a> (0xFFFEED7B)
YUV	<a href="#">229.0870, -52.3009, 21.8487</a>
Hunter-Lab	<a href="#">91.1423, -13.1376, 43.7414</a>

# Details

The YUV color **229.0870, -52.3009, 21.8487** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **147.9130, 52.3009, -21.8487**, and the grayscale version is **230.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.2220, -33.6334, 7.6983**, and **172.5320, -50.5483, 19.7044** is the 20% darker color. If you saturate the color by 10%, you get **224.4760, -62.3527, 25.8925**, and if you desaturate by 10%, it is **233.6980, -42.2491, 17.8049**.

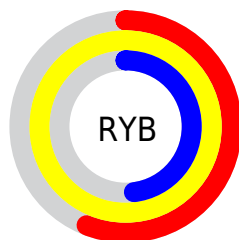
# Distribution



Red (100%)

Green (93%)

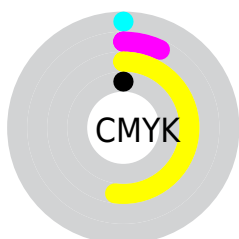
Blue (48%)



Red (56%)

Yellow (100%)

Blue (48%)

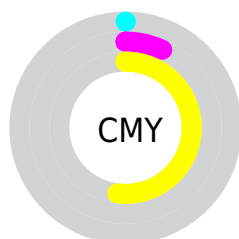


Cyan (0%)

Magenta (7%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 229.0870, -52.3009, 21.8487 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 229.0870, -52.3009, 21.8487 by changing the saturation by 10% instead.




 229.0870,  
-52.3009, 21.8487

 229.0870,  
-52.3009, 21.8487


255.0000, 0.0000,  
0.0000

 200.6030,  
-51.5693, 20.5192


 246.2220,  
-33.6334, 7.6983


 172.5320,  
-50.5483, 19.7044


 249.4140,  
-21.4031, 4.8989

 145.4070,  
-50.9797, 18.0601

 252.7200, -8.7360,  
1.9996

 117.7830,  
-54.6160, 17.7303

 94.2370, -46.4588,  
14.7012

 72.0760, -35.5335,  
10.4573

 50.8010, -25.0449,

6.3135

■ 30.9990, -15.2825,  
1.7549

■ 9.3920, -4.6303,  
-8.2368

■ 229.0870,  
-52.3009, 21.8487

■ 229.0870,  
-52.3009, 21.8487

■ 224.4760,  
-62.3527, 25.8925

■ 233.6980,  
-42.2491, 17.8049

■ 219.1640,  
-72.5519, 30.5512

■ 239.0100,  
-32.0499, 13.1462

■ 214.5530,  
-82.6036, 34.5950

■ 243.6210,  
-21.9982, 9.1024

■ 209.8280,  
-93.0922, 38.7388

■ 248.3460,  
-11.5096, 4.9586

205.6730,  
-101.3968, 42.3828

252.9570, -1.4578,  
0.9147

254.7010, 0.1474,  
-0.6148

# Harmonies

## Analogous

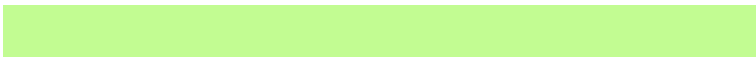
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.2590, -43.0187, 31.3449



229.0870, -52.3009, 21.8487



222.5740, -37.7510, -25.0594

# Triad

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



229.0870, -52.3009, 21.8487



178.7550, 37.5888, -156.7681



220.3670, 17.0741, 30.3731

# Complementary

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



229.0870, -52.3009, 21.8487



147.9130, 52.3009, -21.8487

# 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.



231.5200, 11.5756, 20.5920



229.0870, -52.3009, 21.8487



177.5920, 38.1621, -153.9942

# Square

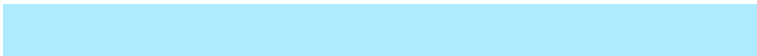
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.0870, -52.3009, 21.8487



178.1850, 35.4048, -156.2682



219.3400, 17.5804, -38.8862



212.9690, 3.9593, 36.8612

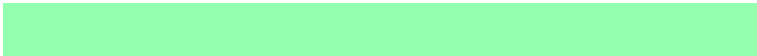


# Rectangle

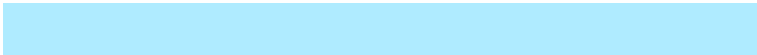
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.0870, -52.3009, 21.8487



213.8870, -19.1713, -57.7829



219.3400, 17.5804, -38.8862



223.3020, 15.6271, 27.7991

# Sweetspot

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



229.0870, -52.3009, 21.8487



247.7330, -15.1514, 6.3732



164.1070, -11.8848, 78.8362



123.6170, -9.1782, 3.8439



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

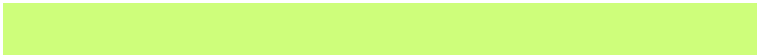
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.0870, -52.3009, 21.8487



224.6610, -62.9369, 26.6073



224.7140, -50.1450, -16.4122



125.3440, -5.0996, 2.3293



154.5510, -76.1936, 31.9658



51.4210, -25.3506, 11.0318



# Inverse Universe

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



147.9130, 52.3009, -21.8487



126.7520, 63.2263, -26.0925



152.2860, 50.1450, 16.4122



117.0690, 5.3890, -1.8145



36.4490, 76.1936, -31.9658

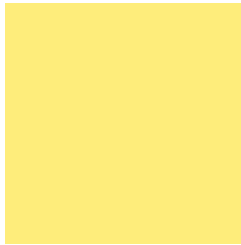


11.9920, 25.6399, -10.5170



# Previews

## White Background



This preview shows how the YUV color 229.0870, -52.3009, 21.8487 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

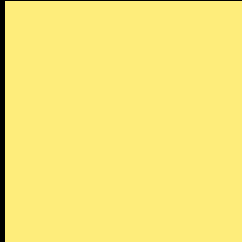
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 229.0870, -52.3009, 21.8487 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 229.0870, -52.3009, 21.8487

## Background



This preview shows how black text looks on a background with the YUV color 229.0870, -52.3009, 21.8487.



This preview shows how white text looks on a background with the YUV color 229.0870, -52.3009,



# 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

229.0870, -52.3009, 21.8487

### Protanopia

231.4040, -39.6392, 20.6937

### Deuteranopia

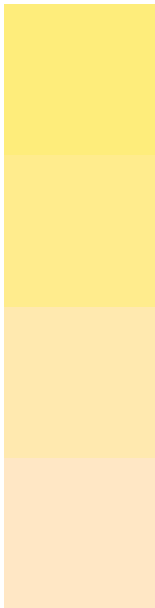
235.2120, -14.8945, 17.3541



## Tritanopia

237.3270, 0.8248, 15.4992

# Trichromacy



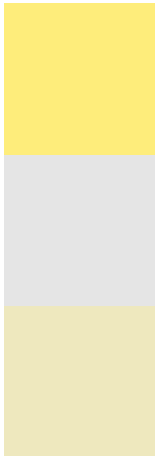
**Original Color**  
229.0870, -52.3009, 21.8487

**Protanomaly**  
230.8510, -44.2965, 21.1787

**Deuteranomaly**  
232.9660, -28.5772, 19.3238

**Tritanomaly**  
234.3000, -18.3889, 18.1539

# Monochromacy



**Original Color**  
229.0870, -52.3009, 21.8487

**Achromatopsia**  
229.0000, 0.0000, 0.0000

**Achromatomaly**  
229.0060, -19.2300, 7.8877

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 229.0870, -52.3009, 21.8487 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(254, 237, 123)` looks like.

```
.text, #text, p{  
    color:rgb(254, 237, 123)  
}
```

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(254, 237, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 237, 123) }
```

## Border

The CSS property to change the border of an element to YUV 229.0870, -52.3009, 21.8487 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(254, 237, 123) }
```



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

```
.border{ border-color:rgb(254, 237, 123) }
```

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

Here you see how a box with a 4 pixel rgb(254, 237, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 237, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 237, 123);  
box-shadow:4px 4px 4px 4px rgb(254, 237,  
123) }
```

# Background

The CSS property to change the background color of an element to YUV 229.0870, -52.3009, 21.8487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 237, 123) }
```

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

```
.background{ background-color: rgb(254,  
237, 123) }
```

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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