

# Converting Colors

YUV(238.8410, -49.2216,  
14.1714)

Have a look what the booklet for  
YUV(238.8410, -49.2216, 14.1714)  
contains.

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# Color

**YUV(238.8410, -49.2216,  
14.1714)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFA8B
RGB	255, 250, 139
RGB Percent	100%, 98%, 55%
CMY	0.0000, 0.0196, 0.4549
CMYK	0.00, 0.02, 0.45, 0.00
HSL	57°, 100%, 77%
HSV	57°, 45%, 100%
XYZ	80.0858, 91.4953, 37.8655
YIQ	238.8410, 38.6110, -33.4610

# Conversions

## Conversions Part 2

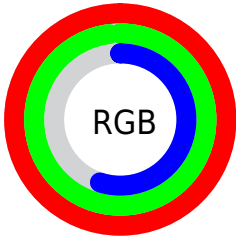
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 255, 139
Decimal	16775819
CIELab	96.61, -13.15, 53.52
CIELCh	97, 55.108, 103.805
Yxy	91.4953, 0.3824, 0.4368
Android (android.graphics.Color)	4294965899 (0xFFFFFA8B)
YUV	238.8410, -49.2216, 14.1714
Hunter-Lab	95.6532, -17.9436, 43.4865

# Details

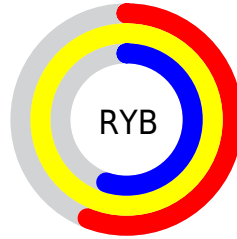
The YUV color **238.8410, -49.2216, 14.1714** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **155.1590, 49.2216, -14.1714**, and the grayscale version is **239.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.0460, -26.6447, 6.0987**, and **182.2860, -47.4690, 12.0272** is the 20% darker color. If you saturate the color by 10%, you get **235.4040, -59.8522, 17.1857**, and if you desaturate by 10%, it is **242.2780, -38.5911, 11.1572**.

# Distribution



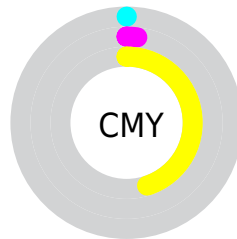
- Red (100%)
- Green (98%)
- Blue (55%)



- Red (56%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (2%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 238.8410, -49.2216, 14.1714 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 238.8410, -49.2216, 14.1714 by changing the saturation by 10% instead.



238.8410,  
-49.2216, 14.1714

238.8410,  
-49.2216, 14.1714

255.0000, 0.0000,  
0.0000

210.3570,  
-48.4900, 12.8419

248.0460,  
-26.6447, 6.0987

182.2860,  
-47.4690, 12.0272

251.3520,  
-13.9775, 3.1993

155.1010,  
-46.8848, 11.3124

254.6580, -1.3104,  
0.2999

127.6880,  
-47.1742, 10.7976

101.2920,  
-49.9370, 10.2679

79.1310, -39.0116,  
6.0241

57.5680, -28.3810,

3.0099

■ 36.8800, -18.1818,  
-1.6488

■ 16.1590, -7.9664,  
-11.5404

■ 238.8410,  
-49.2216, 14.1714

■ 238.8410,  
-49.2216, 14.1714

■ 235.4040,  
-59.8522, 17.1857

■ 242.2780,  
-38.5911, 11.1572

■ 231.8530,  
-70.9195, 20.2999

■ 245.8290,  
-27.5237, 8.0430

■ 228.3020,  
-81.9869, 23.4141

■ 249.3800,  
-16.4563, 4.9287

■ 224.8650,  
-92.6174, 26.4284

■ 252.8170, -5.8258,  
1.9145

■ 221.3140,  
-103.6848, 29.5426

255.0000, 0.0000,  
0.0000

■ 219.4730,  
-108.2002, 31.1572

# Harmonies

## Analogous

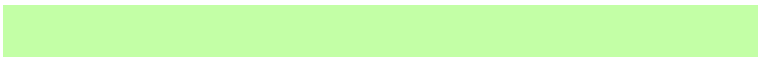
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.6170, -42.7022, 23.1379



238.8410, -49.2216, 14.1714



226.9140, -30.0306, -27.9886

# Triad

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



238.8410, -49.2216, 14.1714



178.7550, 37.5888, -156.7681



226.2370, 14.1802, 25.2252

# Complementary

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



238.8410, -49.2216, 14.1714



155.1590, 49.2216, -14.1714

# 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.



235.6290, 9.5499, 16.9884



238.8410, -49.2216, 14.1714



208.6550, 22.8481, -95.2904

# Square

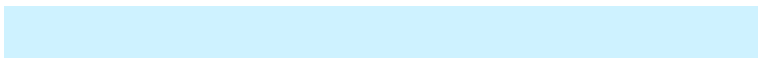
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.8410, -49.2216, 14.1714



178.7550, 37.5888, -156.7681



232.7180, 10.9850, -23.4317

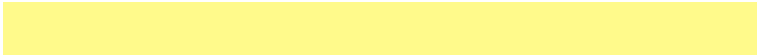


220.7140, 0.6340, 30.0688

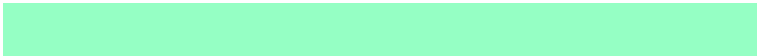


# Rectangle

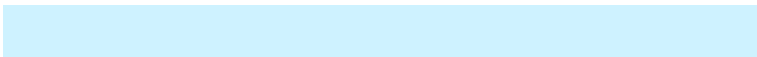
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238.8410, -49.2216, 14.1714



216.5800, -10.1459, -59.2677



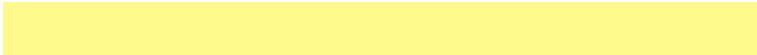
232.7180, 10.9850, -23.4317



229.1720, 12.7332, 22.6512

# Sweetspot

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



238.8410, -49.2216, 14.1714



249.7220, -15.1459, 4.6288



174.3680, -14.4784, 70.7143



124.9050, -9.3202, 2.7143



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

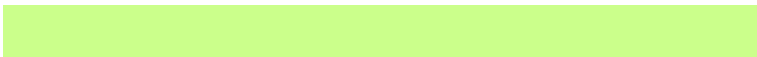
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.8410, -49.2216, 14.1714



235.5180, -59.4154, 17.0857



226.2280, -43.0034, -20.3710



125.9310, -5.3890, 1.8145



164.5300, -81.1133, 23.2142



54.9430, -27.0869, 7.9430



# Inverse Universe

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



155.1590, 49.2216, -14.1714



134.4820, 59.4154, -17.0857



167.7720, 43.0034, 20.3710



116.4820, 5.6784, -1.2997



26.4700, 81.1133, -23.2142

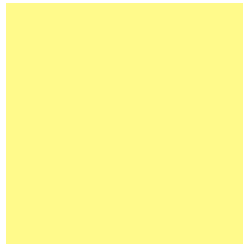


9.0570, 27.0869, -7.9430



# Previews

## White Background



This preview shows how the YUV color 238.8410, -49.2216, 14.1714 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

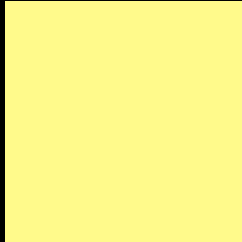
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 238.8410, -49.2216, 14.1714 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 238.8410, -49.2216, 14.1714 Background



This preview shows how black text looks on a background with the YUV color 238.8410, -49.2216, 14.1714.



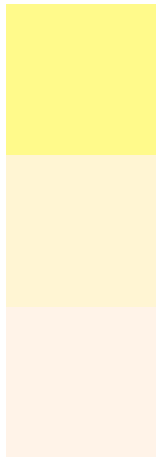
This preview shows how white text looks on a background with the YUV color 238.8410, -49.2216, 14.1714.



# 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

238.8410, -49.2216, 14.1714

### Protanopia

244.1140, -16.3252, 9.5470

### Deuteranopia

245.3340, -6.5737, 8.4771



## **Tritanopia**

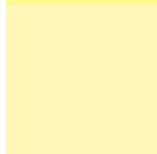
246.7990, 1.5781, 7.1923

# Trichromacy



## Original Color

238.8410, -49.2216, 14.1714



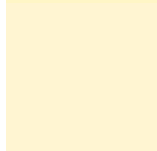
## Protanomaly

242.3240, -28.2607, 11.1169



## Deuteranomaly

243.2190, -22.2930, 10.3319



## Tritanomaly

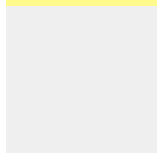
244.0000, -16.7620, 9.6470

# Monochromacy



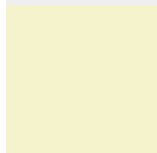
## Original Color

238.8410, -49.2216, 14.1714



## Achromatopsia

239.0000, 0.0000, 0.0000



## Achromatomaly

239.0380, -17.7667, 5.2287

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 238.8410, -49.2216, 14.1714 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, 250, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 139)  
}
```

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, 250, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 139) }
```

## Border

The CSS property to change the border of an element to YUV 238.8410, -49.2216, 14.1714 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, 250, 139) }
```



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

```
.border{ border-color:rgb(255, 250, 139) }
```

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

Here you see how a box with a 4 pixel rgb(255, 250, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
139) }
```

# Background

The CSS property to change the background color of an element to YUV 238.8410, -49.2216, 14.1714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 139) }
```

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

```
.background{ background-color: rgb(255,  
250, 139) }
```

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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