

# Converting Colors

YUV(243.7140, -43.2430,  
9.8978)

Have a look what the booklet for  
YUV(243.7140, -43.2430, 9.8978)  
contains.

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# Color

**YUV(243.7140, -43.2430,  
9.8978)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFF9C
RGB	255, 255, 156
RGB Percent	100%, 100%, 61%
CMY	0.0000, 0.0000, 0.3882
CMYK	0.00, 0.00, 0.39, 0.00
HSL	60°, 100%, 81%
HSV	60°, 39%, 100%
XYZ	83.0008, 95.1803, 45.4495
YIQ	243.7140, 31.7790, -30.7890

# Conversions

## Conversions Part 2

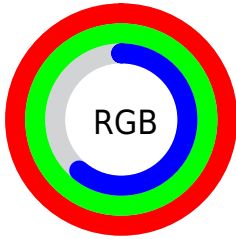
Format	Color
R <sub>Y</sub> B	156, 255, 156
Decimal	16777116
CIE Lab	98.11, -13.92, 47.26
CIE LCh	98, 49.271, 106.409
Yxy	95.1803, 0.3712, 0.4256
Android (android.graphics.Color)	4294967196 (0xFFFFFFFF9C)
YUV	243.7140, -43.2430, 9.8978
Hunter-Lab	97.5604, -18.8695, 40.6714

# Details

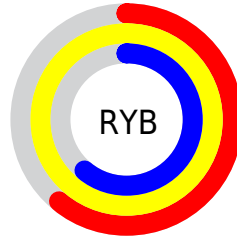
The YUV color **243.7140, -43.2430, 9.8978** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **167.2860, 43.2430, -9.8978**, and the grayscale version is **244.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.0980, -18.7823, 4.2991**, and **186.8710, -41.3484, 8.8831** is the 20% darker color. If you saturate the color by 10%, you get **240.8640, -54.1630, 12.3973**, and if you desaturate by 10%, it is **246.6780, -31.8863, 7.2984**.

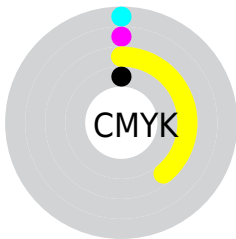
# Distribution



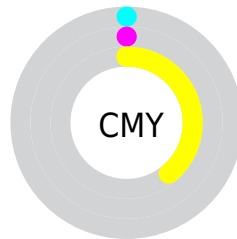
- Red (100%)
- Green (100%)
- Blue (61%)



- Red (61%)
- Yellow (100%)
- Blue (61%)



- Cyan (0%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 243.7140, -43.2430, 9.8978 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 243.7140, -43.2430, 9.8978 by changing the saturation by 10% instead.



 243.7140,  
-43.2430, 9.8978

 243.7140,  
-43.2430, 9.8978

255.0000, 0.0000,  
0.0000


 214.9420,  
-42.3694, 9.6979

 250.0980,  
-18.7823, 4.2991


 186.8710,  
-41.3484, 8.8831

 253.2900, -6.5520,  
1.4997

 159.6860,  
-40.7642, 8.1684

 133.2020,  
-40.0326, 6.8388

 106.7890,  
-40.3220, 6.3240

 82.0770, -40.4640,  
5.1945

 60.5140, -29.8334,

2.1802

■ 40.1250, -19.7816,  
-1.8636

■ 19.1270, -9.4296,  
-8.8814

■ 243.7140,  
-43.2430, 9.8978

■ 243.7140,  
-43.2430, 9.8978

■ 240.8640,  
-54.1630, 12.3973

■ 246.6780,  
-31.8863, 7.2984

■ 237.9000,  
-65.5197, 14.9967

■ 249.5280,  
-20.9663, 4.7989

■ 235.0500,  
-76.4397, 17.4961

■ 252.4920, -9.6096,  
2.1995

■ 232.0860,  
-87.7964, 20.0956

255.0000, 0.0000,  
0.0000

■ 229.2360,  
-98.7163, 22.5950

■ 226.2720,  
-110.0731, 25.1945

■ 225.9300,  
-111.3835, 25.4944

# Harmonies

## Analogous

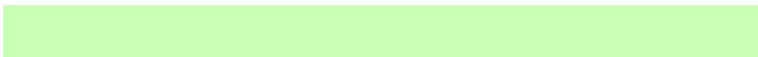
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.3220, -38.6127, 18.1346



243.7140, -43.2430, 9.8978



230.5320, -23.9263, -25.8996

# Triad

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



243.7140, -43.2430, 9.8978



197.5920, 28.3021, -118.0372



231.5200, 11.5756, 20.5920

# Complementary

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



243.7140, -43.2430, 9.8978



167.2860, 43.2430, -9.8978

# 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



243.7140, -43.2430, 9.8978



221.5120, 16.5096, -68.8550

# Square

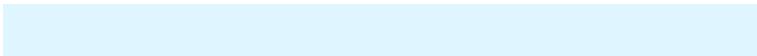
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



243.7140, -43.2430, 9.8978



200.8810, 26.6807, -111.2746



239.5620, 7.6109, -14.5249

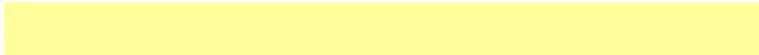


226.9260, -0.9495, 24.6209

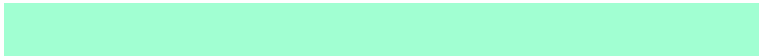


# Rectangle

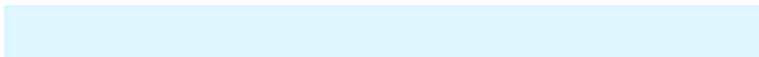
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



243.7140, -43.2430, 9.8978



221.7640, -5.7997, -53.2900



239.5620, 7.6109, -14.5249



233.2810, 10.7075, 19.0476

# Sweetspot

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



243.7140, -43.2430, 9.8978



251.4660, -13.5407, 3.0993



185.6010, -14.5933, 60.8629



125.9480, -7.8624, 1.7996



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

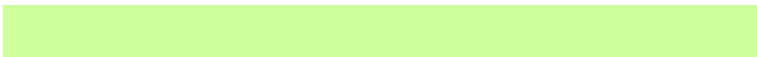
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.7140, -43.2430, 9.8978



241.3200, -52.4158, 11.9974



229.0630, -36.0201, -20.2263



126.5180, -5.6784, 1.2997



169.2260, -83.4284, 19.0958



56.7040, -27.9551, 6.3986



# Inverse Universe

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



167.2860, 43.2430, -9.8978



148.6800, 52.4158, -11.9974



182.2360, 35.8727, 20.8410



116.4820, 5.6784, -1.2997



21.7740, 83.4284, -19.0958

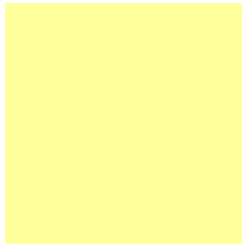


7.2960, 27.9551, -6.3986



# Previews

## White Background



This preview shows how the YUV color 243.7140, -43.2430, 9.8978 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

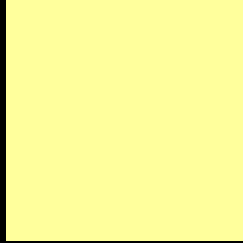
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 243.7140, -43.2430, 9.8978 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

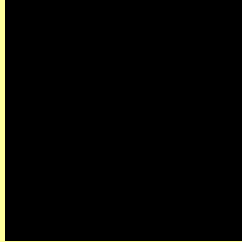
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 243.7140, -43.2430, 9.8978

## Background



This preview shows how black text looks on a background with the YUV color 243.7140, -43.2430, 9.8978.



This preview shows how white text looks on a background with the YUV color 243.7140, -43.2430, 9.8978.



# 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

243.7140, -43.2430, 9.8978

### Protanopia

248.7420, -8.7468, 5.4883

### Deuteranopia

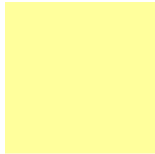
249.4090, -3.6526, 4.9033



## **Tritanopia**

250.0760, 1.4415, 4.3183

# Trichromacy



## Original Color

243.7140, -43.2430, 9.8978



## Protanomaly

246.8380, -21.1191, 7.1581



## Deuteranomaly

247.6360, -18.0615, 6.4582



## Tritanomaly

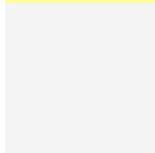
247.8470, -14.7146, 6.2732

# Monochromacy



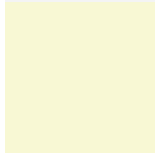
## Original Color

243.7140, -43.2430, 9.8978



## Achromatopsia

244.0000, 0.0000, 0.0000



## Achromatomaly

243.8960, -15.7247, 3.5992

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 243.7140, -43.2430, 9.8978 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, 255, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 156)  
}
```

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, 255, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 156) }
```

## Border

The CSS property to change the border of an element to YUV 243.7140, -43.2430, 9.8978 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, 255, 156) }
```



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

```
.border{ border-color:rgb(255, 255, 156) }
```

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

Here you see how a box with a 4 pixel rgb(255, 255, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
156) }
```

# Background

The CSS property to change the background color of an element to YUV 243.7140, -43.2430, 9.8978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 156) }
```

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

```
.background{ background-color: rgb(255,  
255, 156) }
```

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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