

# Converting Colors

YUV(240.9310, -42.3640,  
7.9535)

Have a look what the booklet for  
YUV(240.9310, -42.3640, 7.9535)  
contains.

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# Color

**YUV(240.9310, -42.3640,  
7.9535)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAFD9B
RGB	250, 253, 155
RGB Percent	98%, 99%, 61%
CMY	0.0196, 0.0078, 0.3922
CMYK	0.01, 0.00, 0.39, 0.01
HSL	62°, 96%, 80%
HSV	62°, 39%, 99%
XYZ	80.4660, 92.9411, 44.7088
YIQ	240.9310, 29.6700, -31.1140

# Conversions

## Conversions Part 2

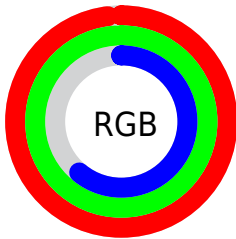
Format	Color
R <sub>Y</sub> B	155, 253, 158
Decimal	16448923
CIE Lab	97.20, -14.95, 46.53
CIE LCh	97, 48.868, 107.810
Yxy	92.9411, 0.3689, 0.4261
Android (android.graphics.Color)	4294639003 (0xFFFAFD9B)
YUV	240.9310, -42.3640, 7.9535
Hunter-Lab	96.4060, -19.7240, 39.9881

# Details

The YUV color **240.9310, -42.3640, 7.9535** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **167.0690, 42.3640, -7.9535**, and the grayscale version is **241.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.9840, -19.2191, 4.3990**, and **184.0880, -40.4694, 6.9388** is the 20% darker color. If you saturate the color by 10%, you get **237.7820, -53.1365, 9.8382**, and if you desaturate by 10%, it is **244.0800, -31.5914, 6.0688**.

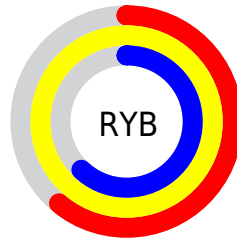
# Distribution



Red (98%)

Green (99%)

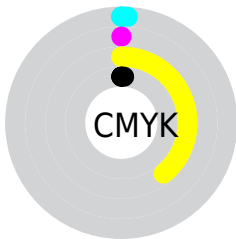
Blue (61%)



Red (61%)

Yellow (99%)

Blue (62%)

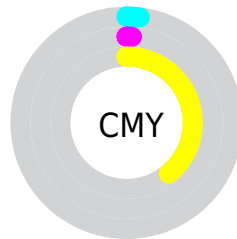


Cyan (1%)

Magenta (0%)

Yellow (39%)

Black (1%)



Cyan (2%)

Magenta (1%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 240.9310, -42.3640, 7.9535 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 240.9310, -42.3640, 7.9535 by changing the saturation by 10% instead.



240.9310,  
-42.3640, 7.9535

240.9310,  
-42.3640, 7.9535

255.0000, 0.0000,  
0.0000

212.1590,  
-41.4904, 7.7536

249.9840,  
-19.2191, 4.3990

184.0880,  
-40.4694, 6.9388

253.1760, -6.9888,  
1.5996

156.9030,  
-39.8852, 6.2241

130.7180,  
-39.3010, 5.5093

104.3050,  
-39.5904, 4.9945

79.7070, -39.2956,  
3.7650

58.1440, -28.6650,

0.7507

■ 37.7550, -18.6132,  
-3.2931

■ 16.4470, -8.1084,  
-12.6700

■ 240.9310,  
-42.3640, 7.9535

■ 240.9310,  
-42.3640, 7.9535

■ 237.7820,  
-53.1365, 9.8382

■ 244.0800,  
-31.5914, 6.0688

■ 234.5190,  
-64.3459, 11.8228

■ 247.3430,  
-20.3821, 4.0842

■ 231.6690,  
-75.2658, 14.3223

■ 250.1930, -9.4621,  
1.5847

■ 228.5200,  
-86.0384, 16.2070

■ 253.2280, 0.8736,  
-0.2000

■ 225.2570, 253.5270, 0.7262,  
-97.2477, 18.1916 0.4148

■ 222.1080, 253.8260, 0.5788,  
-108.0202, 20.0763 1.0296

■ 221.7660,  
-109.3306, 20.3762

# Harmonies

## Analogous

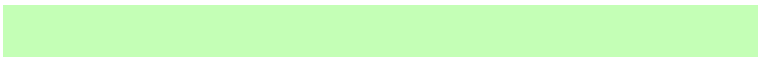
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.9200, -38.9076, 19.3642



240.9310, -42.3640, 7.9535



229.0370, -23.1892, -28.9734

# Triad

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



240.9310, -42.3640, 7.9535



198.1900, 28.0073, -116.8076



229.7590, 12.4438, 22.1364

# Complementary

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



240.9310, -42.3640, 7.9535



167.0690, 42.3640, -7.9535

# 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.



237.3900, 8.6817, 15.4440



240.9310, -42.3640, 7.9535



222.1100, 16.2148, -67.6255

# Square

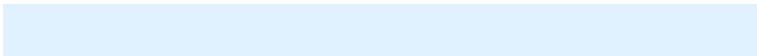
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.9310, -42.3640, 7.9535



199.6850, 27.2703, -113.7337



238.1000, 8.3317, -12.3657



225.1820, -2.5547, 26.1504

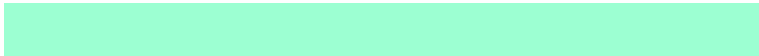


# Rectangle

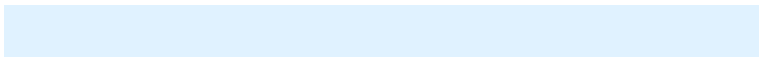
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.9310, -42.3640, 7.9535



220.2690, -5.0626, -56.3639



238.1000, 8.3317, -12.3657



231.5200, 11.5756, 20.5920

# Sweetspot

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



240.9310, -42.3640, 7.9535



251.1670, -13.3933, 2.4845



185.4760, -15.0247, 59.2185



125.6490, -7.7150, 1.1848



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

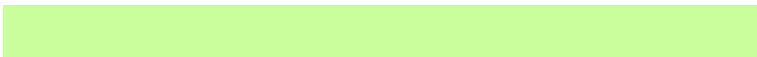
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.9310, -42.3640, 7.9535



240.4660, -50.5157, 9.2383



226.5790, -35.2884, -21.5558



126.2190, -5.5310, 0.6849



167.4320, -82.5440, 15.4071



56.1060, -27.6603, 5.1690



# Inverse Universe

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



167.0690, 42.3640, -7.9535



152.2350, 50.6631, -9.8531



181.4210, 35.2884, 21.5558



116.4820, 5.6784, -1.2997



23.5680, 82.5440, -15.4071

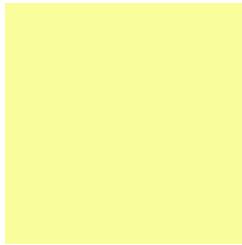


7.8940, 27.6603, -5.1690



# Previews

## White Background



This preview shows how the YUV color 240.9310, -42.3640, 7.9535 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

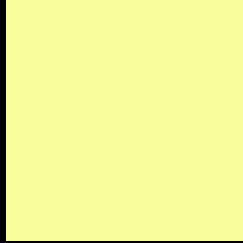
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 240.9310, -42.3640, 7.9535 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

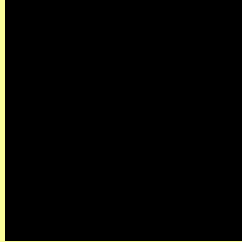
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 240.9310, -42.3640, 7.9535

## Background



This preview shows how black text looks on a background with the YUV color 240.9310, -42.3640, 7.9535.



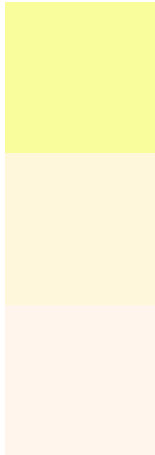
This preview shows how white text looks on a background with the YUV color 240.9310, -42.3640, 7.9535.



# 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

240.9310, -42.3640, 7.9535

### Protanopia

246.2000, -13.4096, 7.7176

### Deuteranopia

246.9640, -5.4053, 7.0476



## Tritanopia

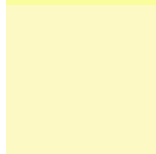
248.3150, 2.3097, 5.8627

# Trichromacy



## Original Color

240.9310, -42.3640, 7.9535



## Protanomaly

244.1540, -23.7399, 7.7579



## Deuteranomaly

244.8210, -18.6458, 7.1730



## Tritanomaly

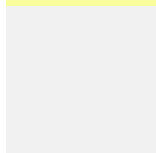
245.3740, -13.9884, 6.6880

# Monochromacy



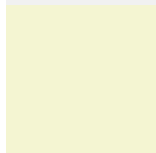
## Original Color

240.9310, -42.3640, 7.9535



## Achromatopsia

241.0000, 0.0000, 0.0000



## Achromatomaly

240.7110, -15.1405, 2.8845

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 240.9310, -42.3640, 7.9535 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(250, 253, 155)` looks like.

```
.text, #text, p{  
    color:rgb(250, 253, 155)  
}
```

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(250, 253, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 253, 155) }
```

## Border

The CSS property to change the border of an element to YUV 240.9310, -42.3640, 7.9535 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(250, 253, 155) }
```



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

```
.border{ border-color:rgb(250, 253, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 253, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 253, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 253, 155);  
box-shadow:4px 4px 4px 4px rgb(250, 253,  
155) }
```

# Background

The CSS property to change the background color of an element to YUV 240.9310, -42.3640, 7.9535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 253, 155) }
```

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

```
.background{ background-color: rgb(250,  
253, 155) }
```

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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