

Converting Colors

YUV(243.9940, -34.5070,
7.8983)

Have a look what the booklet for
YUV(243.9940, -34.5070, 7.8983)
contains.

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Color

**YUV(243.9940, -34.5070,
7.8983)**

Conversions

Conversions Part 1

Format	Color
Hex	FDFDAE
RGB	253, 253, 174
RGB Percent	99%, 99%, 68%
CMY	0.0078, 0.0078, 0.3176
CMYK	0.00, 0.00, 0.31, 0.01
HSL	60°, 95%, 84%
HSV	60°, 31%, 99%
XYZ	83.2733, 94.1892, 53.8358
YIQ	243.9940, 25.3590, -24.5690

Conversions

Conversions Part 2

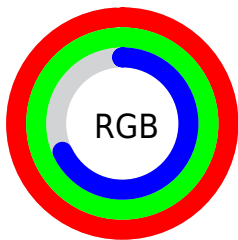
Format	Color
RYB	174, 253, 174
Decimal	16645550
CIELab	97.71, -11.68, 37.90
CIELCh	98, 39.659, 107.133
Yxy	94.1892, 0.3600, 0.4072
Android (android.graphics.Color)	4294835630 (0xFFFDFAE)
YUV	243.9940, -34.5070, 7.8983
Hunter-Lab	97.0511, -16.6802, 35.0467

Details

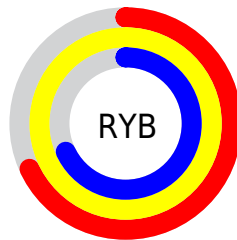
The YUV color **243.9940, -34.5070, 7.8983** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **183.0060, 34.5070, -7.8983**, and the grayscale version is **244.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.1500, -10.9200, 2.4994**, and **187.1510, -32.6124, 6.8836** is the 20% darker color. If you saturate the color by 10%, you get **241.1440, -45.4270, 10.3977**, and if you desaturate by 10%, it is **246.8440, -23.5871, 5.3988**.

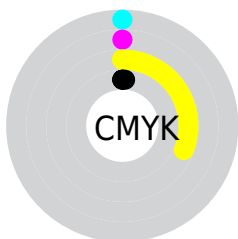
Distribution



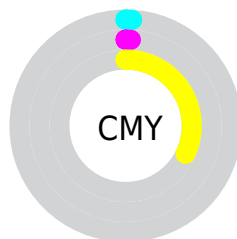
- Red (99%)
- Green (99%)
- Blue (68%)



- Red (68%)
- Yellow (99%)
- Blue (68%)



- Cyan (0%)
- Magenta (0%)
- Yellow (31%)
- Black (1%)



- Cyan (1%)
- Magenta (1%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 243.9940, -34.5070, 7.8983 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 243.9940, -34.5070, 7.8983 by changing the saturation by 10% instead.

243.9940,
-34.5070, 7.8983

243.9940,
-34.5070, 7.8983

255.0000, 0.0000,
0.0000

215.2220,
-33.6334, 7.6983

252.1500,
-10.9200, 2.4994

187.1510,
-32.6124, 6.8836

160.2650,
-32.1756, 6.7836

133.7810,
-31.4440, 5.4541

108.0090,
-30.5704, 5.2541

83.4110, -30.2756,
4.0246

59.3400, -29.2546,

3.2098

■ 39.5490, -19.4977,
0.3955

■ 19.7360, -9.7298,
-5.9075

■ 243.9940,
-34.5070, 7.8983

■ 243.9940,
-34.5070, 7.8983

■ 241.1440,
-45.4270, 10.3977

■ 246.8440,
-23.5871, 5.3988

■ 238.1800,
-56.7837, 12.9971

■ 249.8080,
-12.2303, 2.7994

■ 235.3300,
-67.7037, 15.4966

■ 252.6580, -1.3104,
0.2999

■ 232.4800,
-78.6236, 17.9960

■ 253.2280, 0.8736,
-0.2000

■ 229.6300,
-89.5436, 20.4955

■ 226.6660,
-100.9003, 23.0949

■ 224.1580,
-110.5099, 25.2944

Harmonies

Analogous

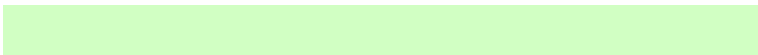
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.9610, -31.0398, 15.8202



243.9940, -34.5070, 7.8983



234.4060, -19.4272, -22.2811

Triad

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



243.9940, -34.5070, 7.8983



217.9240, 18.2785, -76.2323



235.0420, 9.8393, 17.5032

Complementary

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



243.9940, -34.5070, 7.8983



183.0060, 34.5070, -7.8983

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.



240.9120, 6.9454, 12.3552



243.9940, -34.5070, 7.8983



230.7810, 11.9400, -49.7969

Square

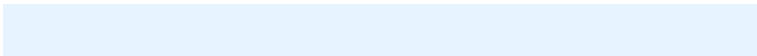
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



243.9940, -34.5070, 7.8983



217.6250, 18.4259, -76.8471



241.3670, 6.7211, -9.0919



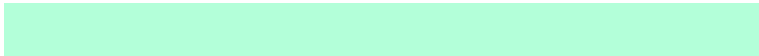
231.2630, -2.1017, 20.8173

Rectangle

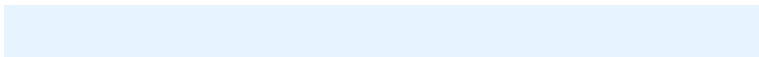
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



243.9940, -34.5070, 7.8983



227.9440, -5.3954, -42.9239



241.3670, 6.7211, -9.0919



236.8030, 8.9711, 15.9588

Sweetspot

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



243.9940, -34.5070, 7.8983



252.3780, -10.0464, 2.2995



197.6210, -11.6452, 48.5674



126.2900, -6.5520, 1.4997



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

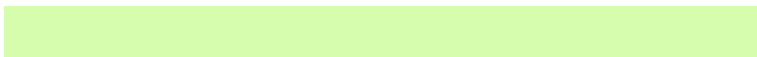
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.9940, -34.5070, 7.8983



244.2840, -41.0590, 9.3979



232.3330, -28.7582, -16.0780



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.



183.0060, 34.5070, -7.8983



171.7160, 41.0590, -9.3979



194.9660, 28.6108, 16.6928



116.4820, 5.6784, -1.2997



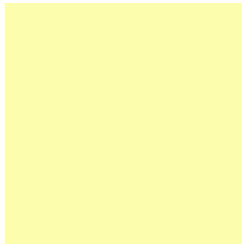
21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Previews

White Background



This preview shows how the YUV color 243.9940, -34.5070, 7.8983 looks on a white background.

Color Contrast Check

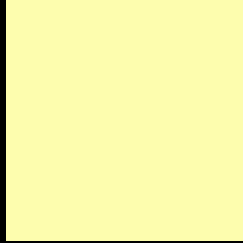
Large Text (above 18pt) WCAG AA × Fail

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 243.9940, -34.5070, 7.8983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

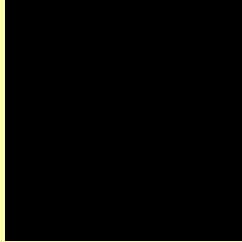
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 243.9940, -34.5070, 7.8983

Background



This preview shows how black text looks on a background with the YUV color 243.9940, -34.5070, 7.8983.

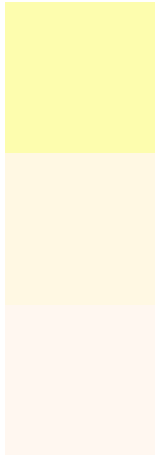


This preview shows how white text looks on a background with the YUV color 243.9940, -34.5070, 7.8983.

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

243.9940, -34.5070, 7.8983

Protanopia

247.6990, -10.2046, 6.4030

Deuteranopia

248.5940, -4.2368, 5.6181

Tritanopia

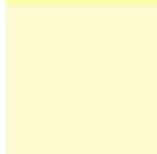
249.6030, 2.1677, 4.7332

Trichromacy



Original Color

243.9940, -34.5070, 7.8983



Protanomaly

246.4080, -18.9351, 6.6582



Deuteranomaly

246.7330, -15.1514, 6.3732



Tritanomaly

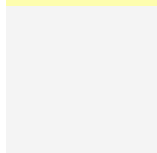
247.7590, -11.2202, 5.4734

Monochromacy



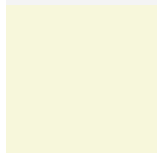
Original Color

243.9940, -34.5070, 7.8983



Achromatopsia

244.0000, 0.0000, 0.0000



Achromatomaly

243.8080, -12.2303, 2.7994

CSS Examples

Text

The CSS property to change the color of the text to YUV 243.9940, -34.5070, 7.8983 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(253, 253, 174)` looks like.

```
.text, #text, p{  
    color:rgb(253, 253, 174)  
}
```

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(253, 253, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 253, 174) }
```

Border

The CSS property to change the border of an element to YUV 243.9940, -34.5070, 7.8983 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(253, 253, 174) }
```


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

```
.border{ border-color:rgb(253, 253, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 253, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 253, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 253, 174);  
box-shadow:4px 4px 4px 4px rgb(253, 253,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 243.9940, -34.5070, 7.8983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 253, 174) }
```

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

```
.background{ background-color: rgb(253,  
253, 174) }
```

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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