

# Converting Colors

YUV(242.9900, -4.9251, -7.0072)

Have a look what the booklet for  
YUV(242.9900, -4.9251, -7.0072)  
contains.

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# Color

**YUV(242.9900, -4.9251,  
-7.0072)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EBF9E9
RGB	235, 249, 233
RGB Percent	92%, 98%, 91%
CMY	0.0784, 0.0235, 0.0863
CMYK	0.06, 0.00, 0.06, 0.02
HSL	113°, 57%, 95%
HSV	113°, 6%, 98%
XYZ	82.8446, 91.2967, 90.3464
YIQ	242.9900, -3.2080, -7.9440

# Conversions

## Conversions Part 2

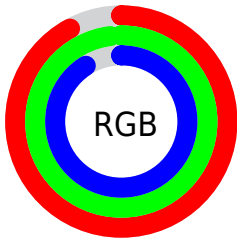
Format	Color
R <sub>Y</sub> B	233, 249, 247
Decimal	15464937
CIE Lab	96.53, -7.44, 6.08
CIE LCh	97, 9.608, 140.715
Yxy	91.2967, 0.3132, 0.3452
Android (android.graphics.Color)	4293655017 (0xFFEBF9E9)
YUV	242.9900, -4.9251, -7.0072
Hunter-Lab	95.5493, -12.4455, 10.8230

# Details

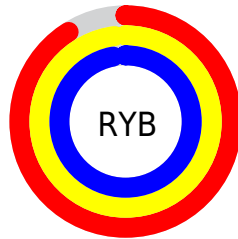
The YUV color  $242.9900, -4.9251, -7.0072$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $239.0100, 4.9251, 7.0072$ , and the grayscale version is  $243.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $186.9900, -4.9251, -7.0072$  is the 20% darker color. If you saturate the color by 10%, you get  $233.5620, -12.6021, -18.0329$ , and if you desaturate by 10%, it is  $251.4780, 1.7363, 3.0888$ .

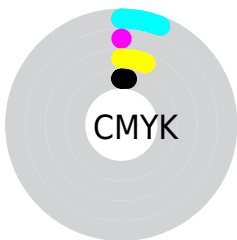
# Distribution



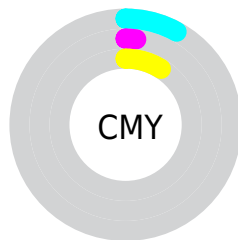
- Red (92%)
- Green (98%)
- Blue (91%)



- Red (91%)
- Yellow (98%)
- Blue (97%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (8%)
- Magenta (2%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 242.9900, -4.9251, -7.0072 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 242.9900, -4.9251, -7.0072 by changing the saturation by 10% instead.



■ 242.9900, -4.9251,  
-7.0072

■ 242.9900, -4.9251,  
-7.0072

255.0000, 0.0000,  
0.0000

■ 214.4030, -4.6357,  
-6.4924

■ 186.9900, -4.9251,  
-7.0072

■ 159.5170, -4.1989,  
-6.5924

■ 133.8160, -4.3463,  
-5.9776

■ 108.5170, -4.1989,  
-6.5924

■ 83.9300, -3.9095,  
-6.0776

■ 61.2290, -4.0569,

-5.4628

■ 39.3430, -3.6201,  
-5.5628

■ 17.8160, -4.3463,  
-5.9776

■ 242.9900, -4.9251,  
-7.0072

■ 242.9900, -4.9251,  
-7.0072

■ 233.5620,  
-12.6021, -18.0329

■ 251.4780, 1.7363,  
3.0888

■ 224.1340,  
-20.2791, -29.0585

■ 215.0050,  
-28.1035, -39.4694

■ 205.5770,  
-35.7805, -50.4950

■ 196.2630,  
-43.0207, -61.6207

■ 186.8350,  
-50.6977, -72.6463

■ 177.4070,  
-58.3747, -83.6719

■ 168.2780,  
-66.1991, -94.0828

■ 158.8500,  
-73.8760, -105.1084

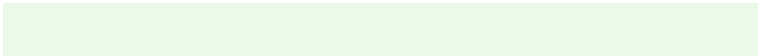
# Harmonies

## Analogous

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



243.9480, -7.8624, 1.7996



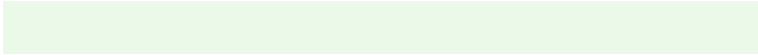
242.9900, -4.9251, -7.0072



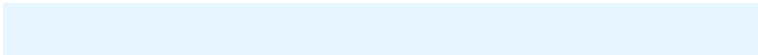
242.4990, -0.2460, -14.4696

# Triad

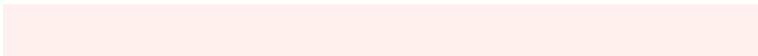
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.9900, -4.9251, -7.0072



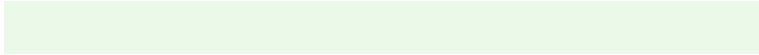
243.4270, 5.7055, -10.0215



243.7840, -2.3585, 9.8364

# Complementary

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



242.9900, -4.9251, -7.0072



239.0100, 4.9251, 7.0072

# 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.



244.8100, 1.5727, 8.9366



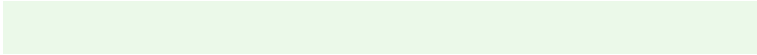
242.9900, -4.9251, -7.0072



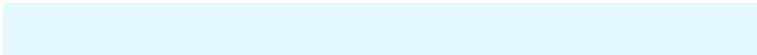
244.9550, 4.9522, -1.7145

# Square

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



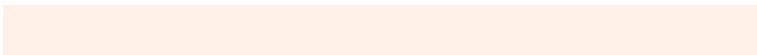
242.9900, -4.9251, -7.0072



242.5080, 6.1586, -15.3545



246.7820, 4.0515, 7.2072

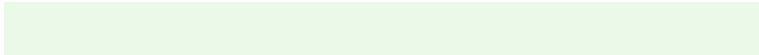


244.0460, -6.4317, 9.6067

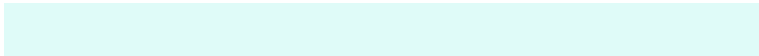


# Rectangle

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



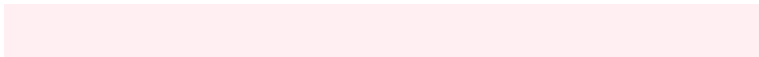
242.9900, -4.9251, -7.0072



242.2860, 2.8170, -16.9138



246.7820, 4.0515, 7.2072



244.1260, -1.0481, 9.5365

# Sweetspot

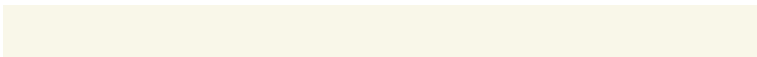
The Sweet Spot groups the original color and five complimentary colors.



242.9900, -4.9251, -7.0072



253.2340, -1.5944, -1.9592



246.0020, -6.4100, 2.6292



126.7610, -0.8682, -1.5444



0.0000, 0.0000, 0.0000

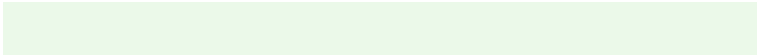


128.0000, 0.0000, 0.0000



# Same Dimension

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



242.9900, -4.9251, -7.0072



247.3380, -6.0826, -9.0664



243.0760, -2.0095, -8.8367



120.2290, -4.0569, -5.4628



118.1190, -58.2327, -82.5424



38.1990, -18.8321, -26.4845



# Inverse Universe

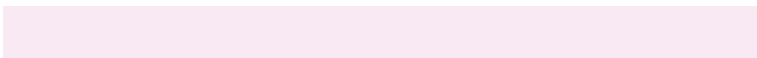
The Inverse Universe completely reimagines the original color for something new.



239.0100, 4.9251, 7.0072



242.3630, 6.2300, 8.4516



238.9240, 2.0095, 8.8367



116.7710, 4.0569, 5.4628



70.8810, 58.2327, 82.5424

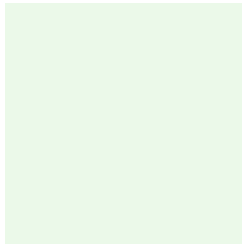


23.1000, 18.6847, 27.0993



# Previews

## White Background



This preview shows how the YUV color 242.9900, -4.9251, -7.0072 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

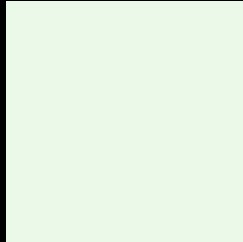
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 242.9900, -4.9251, -7.0072 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

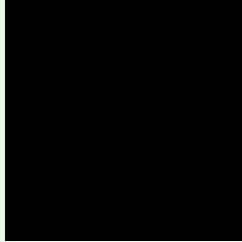
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

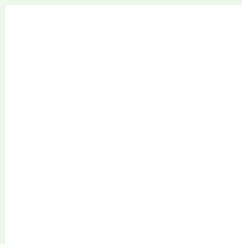
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 242.9900, -4.9251, -7.0072

## Background



This preview shows how black text looks on a background with the YUV color 242.9900, -4.9251, -7.0072.



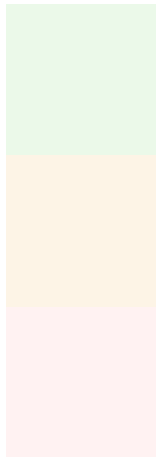
This preview shows how white text looks on a background with the YUV color 242.9900, -4.9251, -7.0072.

-7.0072.

# 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

242.9900, -4.9251, -7.0072

### Protanopia

245.0950, -7.4418, 6.9327

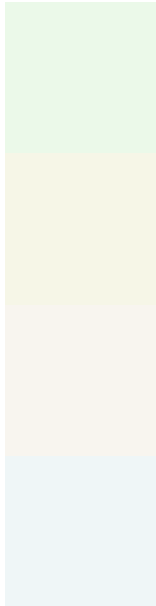
### Deuteranopia

245.8870, -1.9163, 7.9921

## **Tritanopia**

245.2430, 4.8102, -2.8441

# Trichromacy



## Original Color

242.9900, -4.9251, -7.0072

## Protanomaly

244.2900, -6.5520, 1.4997

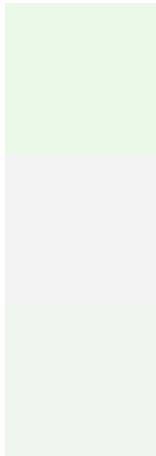
## Deuteranomaly

245.2130, -3.0630, 2.4442

## Tritanomaly

244.0210, 1.4686, -4.4034

# Monochromacy



## Original Color

242.9900, -4.9251, -7.0072

## Achromatopsia

243.0000, 0.0000, 0.0000

## Achromatomaly

242.8210, -1.8838, -2.4740

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 242.9900, -4.9251, -7.0072 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(235, 249, 233)` looks like.

```
.text, #text, p{  
    color:rgb(235, 249, 233)  
}
```

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(235, 249, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 249, 233) }
```

## Border

The CSS property to change the border of an element to YUV 242.9900, -4.9251, -7.0072 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(235, 249, 233) }
```



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

```
.border{ border-color:rgb(235, 249, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 249, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 249, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 249, 233);  
box-shadow:4px 4px 4px 4px rgb(235, 249,  
233) }
```

# Background

The CSS property to change the background color of an element to YUV 242.9900, -4.9251, -7.0072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 249, 233) }
```

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

```
.background{ background-color: rgb(235,  
249, 233) }
```

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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