

# Converting Colors

YUV(239.4700, -9.5987, -1.2892)

Have a look what the booklet for  
YUV(239.4700, -9.5987, -1.2892)  
contains.

<b>YUV(239.4700, -9.5987, -1.2892)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(239.4700, -9.5987,  
-1.2892)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEF4DC
RGB	238, 244, 220
RGB Percent	93%, 96%, 86%
CMY	0.0667, 0.0431, 0.1373
CMYK	0.02, 0.00, 0.10, 0.04
HSL	75°, 52%, 91%
HSV	75°, 10%, 96%
XYZ	80.5288, 88.0458, 80.4604
YIQ	239.4700, 4.1280, -8.7360

# Conversions

## Conversions Part 2

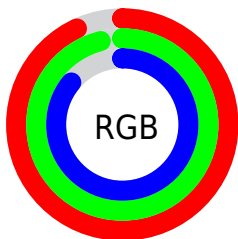
Format	Color
R <sub>Y</sub> B	220, 244, 226
Decimal	15660252
CIE Lab	95.18, -6.10, 10.87
CIE LCh	95, 12.469, 119.299
Yxy	88.0458, 0.3234, 0.3535
Android (android.graphics.Color)	4293850332 (0xFFEEF4DC)
YUV	239.4700, -9.5987, -1.2892
Hunter-Lab	93.8327, -11.0155, 14.8425

# Details

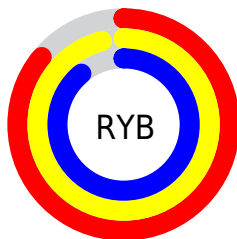
The YUV color  $239.4700, -9.5987, -1.2892$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $224.5300, 9.5987, 1.2892$ , and the grayscale version is  $240.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $183.5840, -9.1619, -1.3892$  is the 20% darker color. If you saturate the color by 10%, you get  $234.9400, -19.1974, -2.5784$ , and if you desaturate by 10%, it is  $244.0000, 0.0000, 0.0000$ .

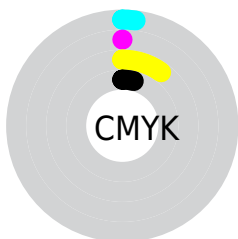
# Distribution



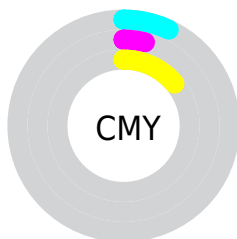
- Red (93%)
- Green (96%)
- Blue (86%)



- Red (86%)
- Yellow (96%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)



- Cyan (7%)
- Magenta (4%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 239.4700, -9.5987, -1.2892 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 239.4700, -9.5987, -1.2892 by changing the saturation by 10% instead.



239.4700, -9.5987,  
-1.2892

239.4700, -9.5987,  
-1.2892

255.0000, 0.0000,  
0.0000

211.4700, -9.5987,  
-1.2892

183.5840, -9.1619,  
-1.3892

156.6980, -8.7251,  
-1.4891

130.6980, -8.7251,  
-1.4891

105.2250, -7.9989,  
-1.0743

81.2250, -7.9989,  
-1.0743

58.3390, -7.5621,

-1.1743

■ 36.4530, -7.1253,  
-1.2743

■ 15.6270, -7.7041,  
-2.3039

■ 239.4700, -9.5987,  
-1.2892

■ 239.4700, -9.5987,  
-1.2892

■ 234.9400,  
-19.1974, -2.5784

■ 244.0000, 0.0000,  
0.0000

■ 230.2960,  
-29.2329, -3.7676

■ 247.0480, 3.9203,  
2.5889

■ 225.7660,  
-38.8316, -5.0568

■ 248.5430, 3.1833,  
5.6628

■ 221.1220,  
-48.8671, -6.2460

■ 216.2930,  
-58.3184, -8.1500

■ 211.7630,  
-67.9172, -9.4392

■ 207.1190,  
-77.9527, -10.6284

■ 202.5890,  
-87.5514, -11.9176

■ 197.9450,  
-97.5869, -13.1068

# Harmonies

## Analogous

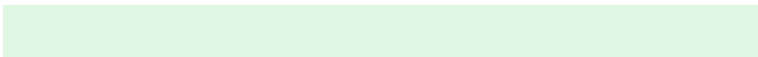
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.9660, -11.8152, 9.6768



239.4700, -9.5987, -1.2892



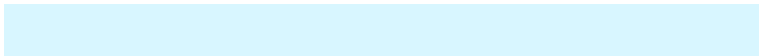
237.9570, -4.9088, -12.2403

# Triad

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



239.4700, -9.5987, -1.2892



238.0560, 8.3534, -19.3431



240.6040, 0.6882, 12.6253

# Complementary

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



239.4700, -9.5987, -1.2892



224.5300, 9.5987, 1.2892

# Split Complementary

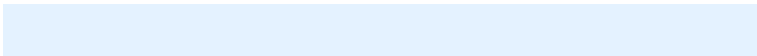
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.1460, 5.3510, 10.3960



239.4700, -9.5987, -1.2892



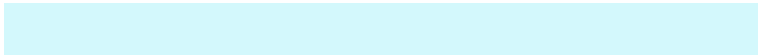
239.2960, 7.7421, -9.9066

# Square

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



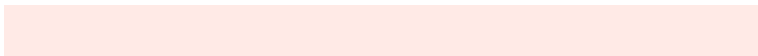
239.4700, -9.5987, -1.2892



237.3930, 7.2013, -23.1467



241.4330, 6.6885, 1.3743



239.8230, -4.8427, 13.3102

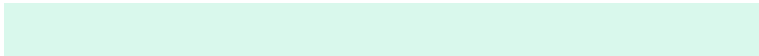


# Rectangle

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



239.4700, -9.5987, -1.2892



237.3630, -0.6720, -17.8584



241.4330, 6.6885, 1.3743



241.0600, 2.4354, 12.2254

# Sweetspot

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



239.4700, -9.5987, -1.2892



253.4900, -3.1996, -0.4297



230.6980, -5.2741, 11.6659



126.7180, -2.3260, -0.6297



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

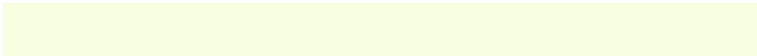


# Same Dimension

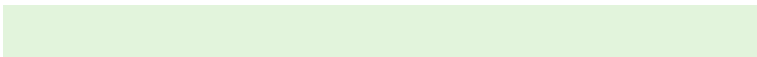
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.4700, -9.5987, -1.2892



249.0740, -12.3615, -1.8189



235.8820, -7.8298, -8.6665



119.7350, -4.7994, -0.6446



151.0420, -74.4637, -9.6838



47.7890, -23.5600, -3.3230



# Inverse Universe

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



224.5300, 9.5987, 1.2892



229.9260, 12.3615, 1.8189



228.1180, 7.8298, 8.6665



112.2650, 4.7994, 0.6446



35.2570, 74.3163, 10.2986

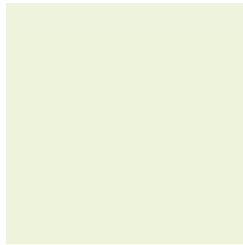


11.2110, 23.5600, 3.3230



# Previews

## White Background



This preview shows how the YUV color 239.4700, -9.5987, -1.2892 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

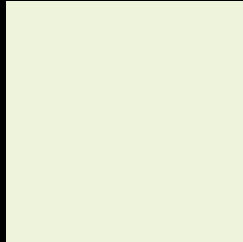
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 239.4700, -9.5987, -1.2892 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

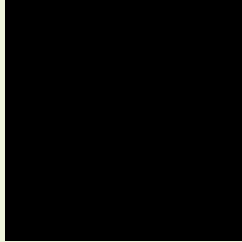
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

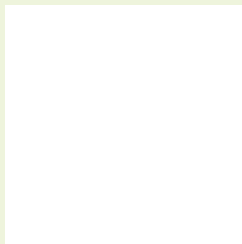
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 239.4700, -9.5987, -1.2892

## Background



This preview shows how black text looks on a background with the YUV color 239.4700, -9.5987, -1.2892.



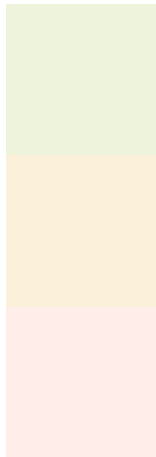
This preview shows how white text looks on a background with the YUV color 239.4700, -9.5987, -1.2892.

-1.2892.

# 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

239.4700, -9.5987, -1.2892

### Protanopia

240.7810, -11.2310, 8.9621

### Deuteranopia

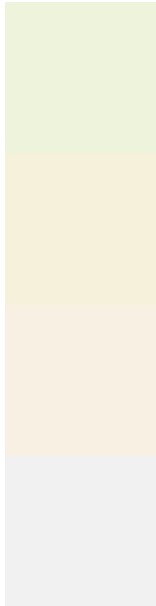
241.9260, -4.4005, 11.4659



## Tritanopia

242.0200, 6.3991, 0.8595

# Trichromacy



## Original Color

239.4700, -9.5987, -1.2892

## Protanomaly

239.9870, -10.3466, 5.2734

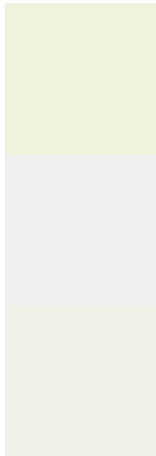
## Deuteranomaly

241.3230, -6.5682, 6.7327

## Tritanomaly

241.1140, 0.4368, -0.1000

# Monochromacy



## Original Color

239.4700, -9.5987, -1.2892

## Achromatopsia

239.0000, 0.0000, 0.0000

## Achromatomaly

239.3760, -3.6364, -0.3298

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 239.4700, -9.5987, -1.2892 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(238, 244, 220)` looks like.

```
.text, #text, p{  
    color:rgb(238, 244, 220)  
}
```

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(238, 244, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 244, 220) }
```

## Border

The CSS property to change the border of an element to YUV 239.4700, -9.5987, -1.2892 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(238, 244, 220) }
```



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

```
.border{ border-color:rgb(238, 244, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 244, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 244, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 244, 220);  
box-shadow:4px 4px 4px 4px rgb(238, 244,  
220) }
```

# Background

The CSS property to change the background color of an element to YUV 239.4700, -9.5987, -1.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 244, 220) }
```

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

```
.background{ background-color: rgb(238,  
244, 220) }
```

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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