

# Converting Colors

YUV(242.0770, -3.4890, -0.9445)

Have a look what the booklet for  
YUV(242.0770, -3.4890, -0.9445)  
contains.

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# Color

**YUV(242.0770, -3.4890,  
-0.9445)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1F4EB
RGB	241, 244, 235
RGB Percent	95%, 96%, 92%
CMY	0.0549, 0.0431, 0.0784
CMYK	0.01, 0.00, 0.04, 0.04
HSL	80°, 29%, 94%
HSV	80°, 4%, 96%
XYZ	83.6217, 89.4003, 91.4459
YIQ	242.0770, 1.1010, -3.4350

# Conversions

## Conversions Part 2

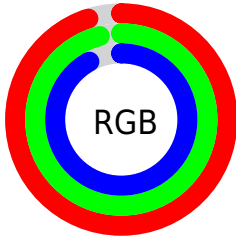
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 244, 238
Decimal	15856875
CIE Lab	95.75, -2.57, 3.97
CIE LCh	96, 4.728, 122.865
Yxy	89.4003, 0.3162, 0.3380
Android (android.graphics.Color)	4294046955 (0xFFFF1F4EB)
YUV	242.0770, -3.4890, -0.9445
Hunter-Lab	94.5517, -7.5998, 8.8438

# Details

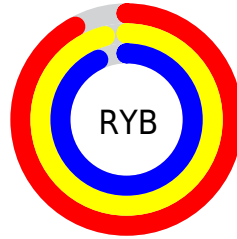
The YUV color  $242.0770, -3.4890, -0.9445$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $236.9230, 3.4890, 0.9445$ , and the grayscale version is  $242.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $186.0770, -3.4890, -0.9445$  is the 20% darker color. If you saturate the color by 10%, you get  $236.9490, -12.7929, -3.4633$ , and if you desaturate by 10%, it is  $246.7490, 4.0677, 1.9741$ .

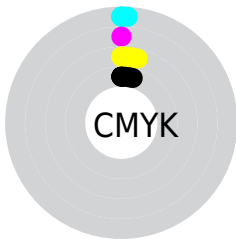
# Distribution



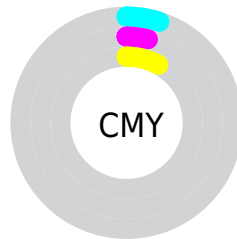
- Red (95%)
- Green (96%)
- Blue (92%)



- Red (92%)
- Yellow (96%)
- Blue (93%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 242.0770, -3.4890, -0.9445 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 242.0770, -3.4890, -0.9445 by changing the saturation by 10% instead.



242.0770, -3.4890,  
-0.9445

242.0770, -3.4890,  
-0.9445

255.0000, 0.0000,  
0.0000

214.0770, -3.4890,  
-0.9445

186.0770, -3.4890,  
-0.9445

159.1910, -3.0522,  
-1.0445

133.1910, -3.0522,  
-1.0445

107.6040, -2.7628,  
-0.5297

83.6040, -2.7628,  
-0.5297

60.6040, -2.7628,

-0.5297

■ 38.7180, -2.3260,  
-0.6297

■ 18.0770, -3.4890,  
-0.9445

■ 242.0770, -3.4890,  
-0.9445

■ 242.0770, -3.4890,  
-0.9445

■ 236.9490,  
-12.7929, -3.4633

■ 246.7490, 4.0677,  
1.9741

■ 231.7070,  
-22.5336, -5.8820

■ 248.5430, 3.1833,  
5.6628

■ 226.5790,  
-31.8374, -8.4008

■ 221.0380,  
-41.4307, -11.4343

■ 215.9100,  
-50.7346, -13.9531

■ 210.7820,  
-60.0385, -16.4718

■ 205.5400,  
-69.7792, -18.8906

■ 200.4120,  
-79.0831, -21.4093

■ 195.1700,  
-88.8238, -23.8281

# Harmonies

## Analogous

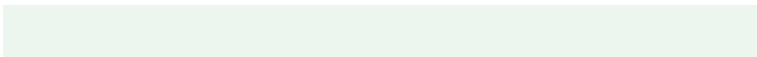
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.8710, -4.3734, 2.7441



242.0770, -3.4890, -0.9445



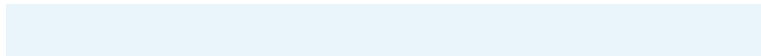
241.5110, -1.7309, -4.8331

# Triad

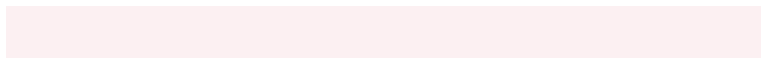
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.0770, -3.4890, -0.9445



241.8080, 4.5317, -6.8476



243.8160, -0.8953, 7.1774

# Complementary

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



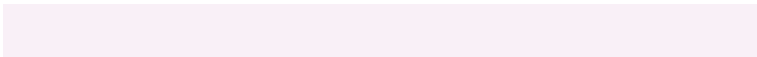
242.0770, -3.4890, -0.9445



236.9230, 3.4890, 0.9445

# 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.



243.4890, 1.7309, 4.8331



242.0770, -3.4890, -0.9445



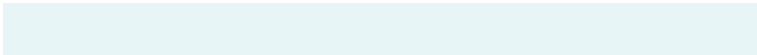
242.8300, 4.5208, -3.3589

# Square

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



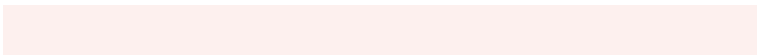
242.0770, -3.4890, -0.9445



241.3410, 2.7899, -8.1921



242.9230, 3.4890, 0.9445



243.6590, -2.7899, 8.1921

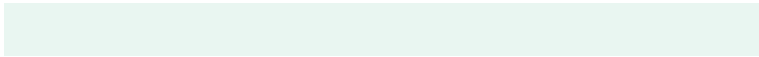


# Rectangle

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



242.0770, -3.4890, -0.9445



241.5430, -0.2677, -7.4922



242.9230, 3.4890, 0.9445



244.0440, -0.0217, 6.9774

# Sweetspot

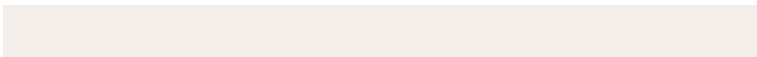
The Sweet Spot groups the original color and five complimentary colors.



242.0770, -3.4890, -0.9445



254.3590, -1.1630, -0.3148



239.4520, -2.1948, 3.9886



127.4730, -0.7262, -0.4148



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

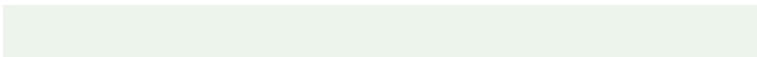
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.0770, -3.4890, -0.9445



252.9630, -3.9258, -0.8446



240.8810, -2.8993, -3.4036



120.7180, -2.3260, -0.6297



146.2580, -72.1052, -19.5203



46.2940, -22.8229, -6.3968



# Inverse Universe

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



236.9230, 3.4890, 0.9445



247.0370, 3.9258, 0.8446



238.4180, 2.7519, 4.0184



117.2820, 2.3260, 0.6297



39.7420, 72.1052, 19.5203

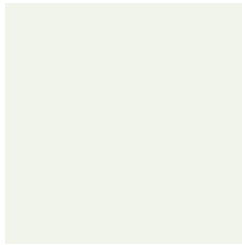


12.7060, 22.8229, 6.3968



# Previews

## White Background



This preview shows how the YUV color 242.0770, -3.4890, -0.9445 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

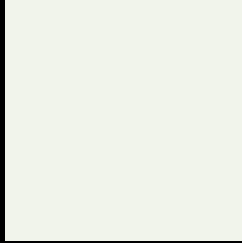
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 242.0770, -3.4890, -0.9445 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

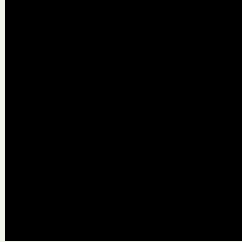
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

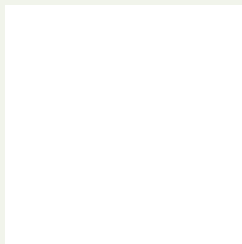
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 242.0770, -3.4890, -0.9445

## Background



This preview shows how black text looks on a background with the YUV color 242.0770, -3.4890, -0.9445.



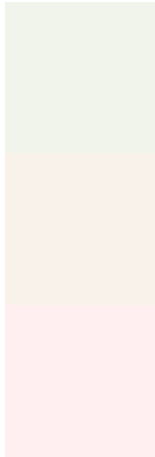
This preview shows how white text looks on a background with the YUV color 242.0770, -3.4890, -0.9445.

-0.9445.

# 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

242.0770, -3.4890, -0.9445

### Protanopia

243.1810, -4.5262, 5.1033

### Deuteranopia

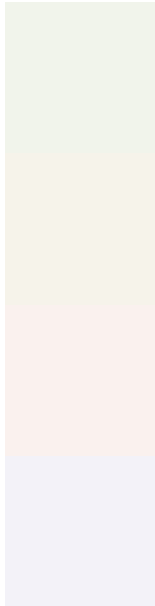
243.8980, -1.9217, 9.7365



## Tritanopia

243.4930, 5.6730, 0.4446

# Trichromacy



## Original Color

242.0770, -3.4890, -0.9445

## Protanomaly

242.8710, -4.3734, 2.7441

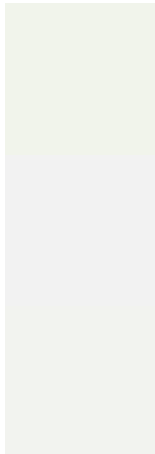
## Deuteranomaly

243.3490, -2.6371, 5.8329

## Tritanomaly

242.9830, 2.4734, 0.0149

# Monochromacy



## Original Color

242.0770, -3.4890, -0.9445

## Achromatopsia

242.0000, 0.0000, 0.0000

## Achromatomaly

242.2450, -1.5998, -0.2149

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 242.0770, -3.4890, -0.9445 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(241, 244, 235)` looks like.

```
.text, #text, p{  
    color:rgb(241, 244, 235)  
}
```

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(241, 244, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 244, 235) }
```

## Border

The CSS property to change the border of an element to YUV 242.0770, -3.4890, -0.9445 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(241, 244, 235) }
```



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

```
.border{ border-color:rgb(241, 244, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 244, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 244, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 244, 235);  
box-shadow:4px 4px 4px 4px rgb(241, 244,  
235) }
```

# Background

The CSS property to change the background color of an element to YUV 242.0770, -3.4890, -0.9445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 244, 235) }
```

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

```
.background{ background-color: rgb(241,  
244, 235) }
```

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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