

# Converting Colors

YUV(241.4500, 0.7642,  
-11.7956)

Have a look what the booklet for  
YUV(241.4500, 0.7642, -11.7956)  
contains.

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# Color

**YUV(241.4500, 0.7642,  
-11.7956)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4F8F3
RGB	228, 248, 243
RGB Percent	89%, 97%, 95%
CMY	0.1059, 0.0275, 0.0471
CMYK	0.08, 0.00, 0.02, 0.03
HSL	165°, 59%, 93%
HSV	165°, 8%, 97%
XYZ	81.7400, 90.0998, 97.8769
YIQ	241.4500, -10.3150, -5.7950

# Conversions

## Conversions Part 2

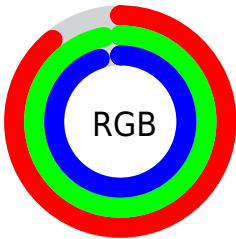
Format	Color
R <sub>YB</sub>	228, 239, 248
Decimal	15005939
CIE Lab	96.04, -7.44, 0.15
CIE LCh	96, 7.441, 178.854
Yxy	90.0998, 0.3031, 0.3341
Android (android.graphics.Color)	4293196019 (0xFFE4F8F3)
YUV	241.4500, 0.7642, -11.7956
Hunter-Lab	94.9209, -12.3986, 5.3083

# Details

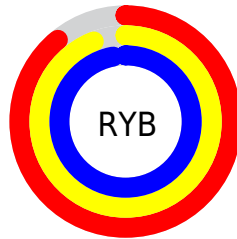
The YUV color  $241.4500, 0.7642, -11.7956$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $234.5500, -0.7642, 11.7956$ , and the grayscale version is  $241.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $185.7490, 0.6167, -11.1809$  is the 20% darker color. If you saturate the color by 10%, you get  $233.2910, 1.8285, -26.5652$ , and if you desaturate by 10%, it is  $249.6090, -0.3002, 2.9739$ .

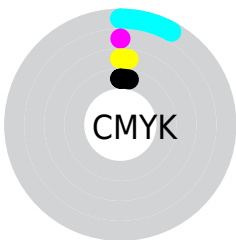
# Distribution



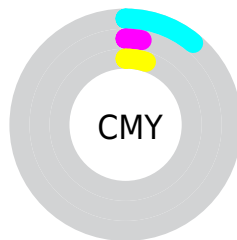
- Red (89%)
- Green (97%)
- Blue (95%)



- Red (89%)
- Yellow (94%)
- Blue (97%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (11%)
- Magenta (3%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 241.4500, 0.7642, -11.7956 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 241.4500, 0.7642, -11.7956 by changing the saturation by 10% instead.



■ 241.4500, 0.7642,  
-11.7956

■ 241.4500, 0.7642,  
-11.7956

255.0000, 0.0000,  
0.0000

■ 212.8630, 1.0535,  
-11.2809

■ 185.7490, 0.6167,  
-11.1809

■ 158.7490, 0.6167,  
-11.1809

■ 132.1620, 0.9061,  
-10.6661

■ 107.1620, 0.9061,  
-10.6661

■ 82.4610, 0.7587,  
-10.0513

■ 59.7600, 0.6113,

-9.4365

■ 37.7600, 0.6113,  
-9.4365

■ 16.5640, 1.2009,  
-11.8956

■ 241.4500, 0.7642,  
-11.7956

■ 241.4500, 0.7642,  
-11.7956

■ 233.2910, 1.8285,  
-26.5652

■ 249.6090, -0.3002,  
2.9739

■ 225.1320, 2.8929,  
-41.3348

■ 250.8910, 2.0257,  
3.6036

■ 217.1580, 3.3731,  
-55.3896

■ 208.9990, 4.4375,  
-70.1591

■ 200.8400, 5.5019,  
-84.9287

■ 192.6810, 6.5663,  
-99.6982

■ 184.5220, 7.6307,  
-114.4678

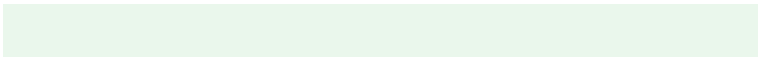
■ 176.5480, 8.1108,  
-128.5226

■ 168.3890, 9.1752,  
-143.2922

# Harmonies

## Analogous

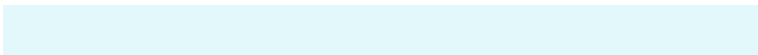
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.8590, -2.8885, -6.8923



241.4500, 0.7642, -11.7956



241.6500, 4.1166, -13.7250

# Triad

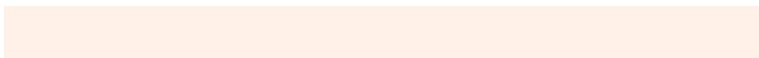
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.4500, 0.7642, -11.7956



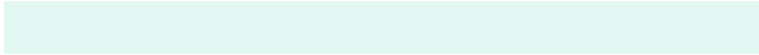
244.3790, 5.2362, 0.5446



244.0460, -6.4317, 9.6067

# Complementary

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



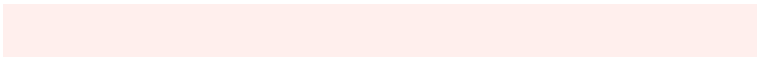
241.4500, 0.7642, -11.7956



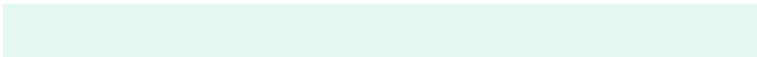
234.5500, -0.7642, 11.7956

# 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.



243.5560, -3.2321, 10.0364



241.4500, 0.7642, -11.7956



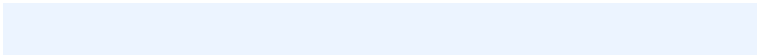
245.1410, 2.8885, 6.8923

# Square

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



241.4500, 0.7642, -11.7956



242.8620, 5.9840, -6.0180



244.3540, -0.1745, 9.3365

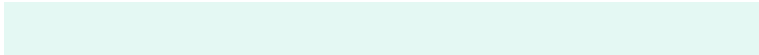


243.4970, -7.1470, 5.7031

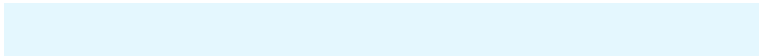


# Rectangle

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



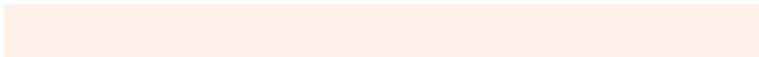
241.4500, 0.7642, -11.7956



242.1170, 5.8583, -12.3806



244.3540, -0.1745, 9.3365



243.6870, -5.2687, 9.9215

# Sweetspot

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



241.4500, 0.7642, -11.7956



253.3910, 0.3002, -2.9739



241.2350, -6.5249, -7.2221



126.9890, 0.0054, -1.7444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

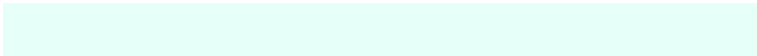


# Same Dimension

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



241.4500, 0.7642, -11.7956



246.8410, 1.0644, -14.7696



239.0850, 4.3951, -9.7215



120.7710, 0.6059, -7.6922



127.1310, 7.3304, -111.4939

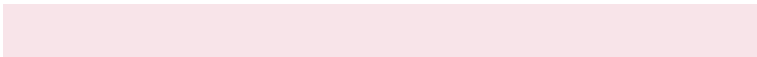


41.0510, 2.4399, -36.0017



# Inverse Universe

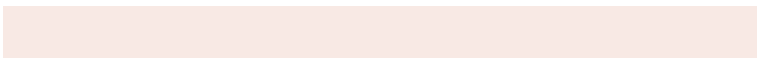
The Inverse Universe completely reimagines the original color for something new.



234.5500, -0.7642, 11.7956



238.1590, -1.0644, 14.7696



236.9150, -4.3951, 9.7215



116.3430, -0.1691, 7.5922



61.8690, -7.3304, 111.4939

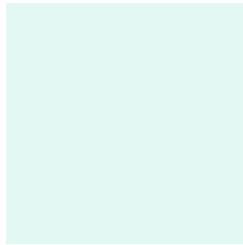


19.9490, -2.4399, 36.0017



# Previews

## White Background



This preview shows how the YUV color 241.4500, 0.7642, -11.7956 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

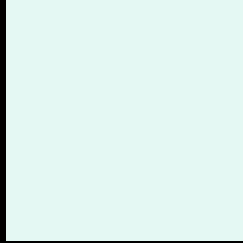
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 241.4500, 0.7642, -11.7956 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

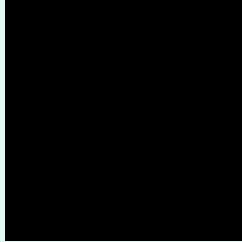
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

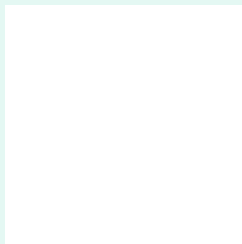
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 241.4500, 0.7642, -11.7956

## Background



This preview shows how black text looks on a background with the YUV color 241.4500, 0.7642, -11.7956.



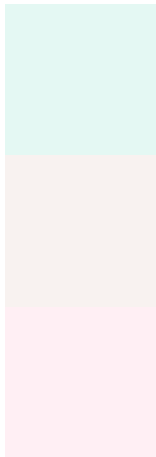
This preview shows how white text looks on a background with the YUV color 241.4500, 0.7642,

-11.7956.

# 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

241.4500, 0.7642, -11.7956

### Protanopia

243.5660, -1.7580, 3.8886

### Deuteranopia

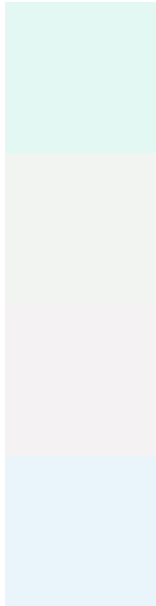
244.3540, -0.1745, 9.3365



## Tritanopia

243.1610, 5.8366, -5.4032

# Trichromacy



## Original Color

241.4500, 0.7642, -11.7956

## Protanomaly

242.7610, -0.8682, -1.5444

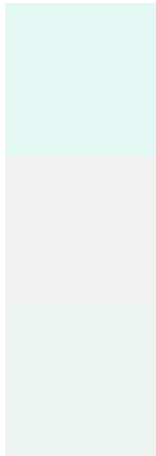
## Deuteranomaly

243.1250, 0.4314, 1.6444

## Tritanomaly

242.3950, 4.2423, -7.3624

# Monochromacy



## Original Color

241.4500, 0.7642, -11.7956

## Achromatopsia

241.0000, 0.0000, 0.0000

## Achromatomaly

241.3800, 0.3057, -4.7183

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 241.4500, 0.7642, -11.7956 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(228, 248, 243)` looks like.

```
.text, #text, p{  
    color:rgb(228, 248, 243)  
}
```

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(228, 248, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 248, 243) }
```

## Border

The CSS property to change the border of an element to YUV 241.4500, 0.7642, -11.7956 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(228, 248, 243) }
```



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

```
.border{ border-color:rgb(228, 248, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 248, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 248, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 248, 243);  
box-shadow:4px 4px 4px 4px rgb(228, 248,  
243) }
```

# Background

The CSS property to change the background color of an element to YUV 241.4500, 0.7642, -11.7956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 248, 243) }
```

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

```
.background{ background-color: rgb(228,  
248, 243) }
```

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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