

# Converting Colors

YUV(241.7410, -10.7183,  
-15.5589)

Have a look what the booklet for  
YUV(241.7410, -10.7183, -15.5589)  
contains.

|  |    |
|--|----|
| <b>YUV(241.7410, -10.7183, -15.5589)</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(241.7410, -10.7183,  
-15.5589)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | E0FFDC                      |
| RGB         | 224, 255, 220               |
| RGB Percent | 88%, 100%, 86%              |
| CMY         | 0.1216, 0.0000, 0.1373      |
| CMYK        | 0.12, 0.00, 0.14, 0.00      |
| HSL         | 113°, 100%, 93%             |
| HSV         | 113°, 14%, 100%             |
| XYZ         | 79.4187, 92.5346, 81.3853   |
| YIQ         | 241.7410, -7.2410, -17.4570 |

# Conversions

## Conversions Part 2

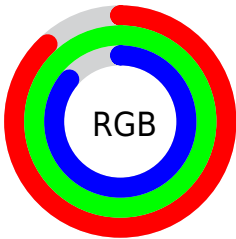
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| R <sub>Y</sub> B                    | 220, 255, 251                   |
| Decimal                             | 14745564                        |
| CIE Lab                             | 97.04, -16.30, 13.39            |
| CIE LCh                             | 97, 21.089, 140.595             |
| Yxy                                 | 92.5346, 0.3135,<br>0.3653      |
| Android<br>(android.graphics.Color) | 4292935644<br>(0xFFE0FFDC)      |
| YUV                                 | 241.7410, -10.7183,<br>-15.5589 |
| Hunter-Lab                          | 96.1949, -20.9711,<br>17.1744   |

# Details

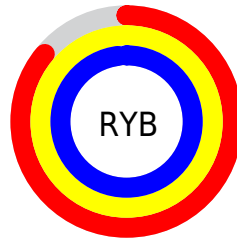
The YUV color **241.7410, -10.7183, -15.5589** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **233.2590, 10.7183, 15.5589**, and the grayscale version is **242.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **185.5670, -10.1395, -14.5293** is the 20% darker color. If you saturate the color by 10%, you get **232.0140, -18.2479, -27.1993**, and if you desaturate by 10%, it is **251.5820, -2.7519, -4.0184**.

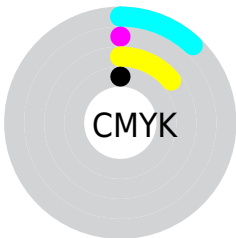
# Distribution



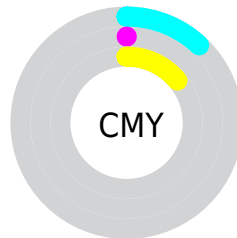
- Red (88%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (98%)



- Cyan (12%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 241.7410, -10.7183, -15.5589 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 241.7410, -10.7183, -15.5589 by changing the saturation by 10% instead.



241.7410,  
-10.7183, -15.5589

241.7410,  
-10.7183, -15.5589

255.0000, 0.0000,  
0.0000

213.1540,  
-10.4289, -15.0441

185.5670,  
-10.1395, -14.5293

158.6810, -9.7027,  
-14.6292

132.0940, -9.4133,  
-14.1144

107.2080, -8.9765,  
-14.2144

82.6210, -8.6872,  
-13.6996

59.1480, -7.9610,

-13.2848

■ 37.2620, -7.5242,  
-13.3848

■ 16.4360, -8.1029,  
-14.4144

■ 241.7410,  
-10.7183, -15.5589

■ 241.7410,  
-10.7183, -15.5589

■ 232.0140,  
-18.2479, -27.1993

■ 251.5820, -2.7519,  
-4.0184

■ 222.4720,  
-26.3617, -38.1249

255.0000, 0.0000,  
0.0000

■ 212.7450,  
-33.8913, -49.7654

■ 203.2030,  
-42.0051, -60.6910

■ 193.4760,  
-49.5347, -72.3315

■ 183.6350,  
-57.5011, -83.8719

■ 174.2070,  
-65.1781, -94.8975

■ 164.3660,  
-73.1444, -106.4380

■ 158.3560,  
-78.0695, -113.4452

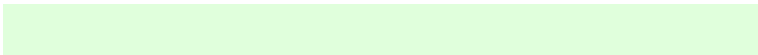
# Harmonies

## Analogous

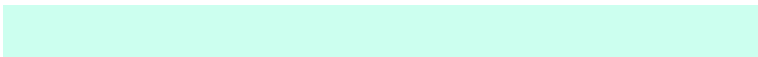
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.6140, -18.0507, 2.9695



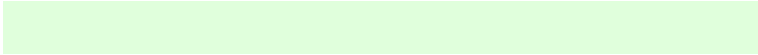
241.7410, -10.7183, -15.5589



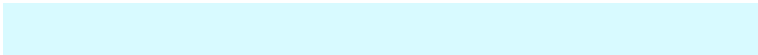
237.9270, 0.5290, -29.7540

# Triad

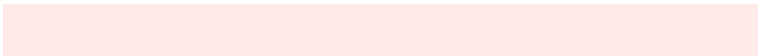
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.7410, -10.7183, -15.5589



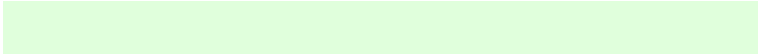
240.4040, 7.1958, -21.4023



239.5780, -3.2430, 13.5251

# Complementary

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



241.7410, -10.7183, -15.5589



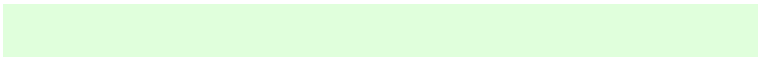
233.2590, 10.7183, 15.5589

# 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.



241.9720, 5.9298, 11.4256



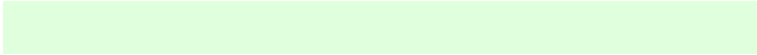
241.7410, -10.7183, -15.5589



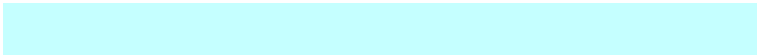
244.0690, 5.3890, -1.8145

# Square

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



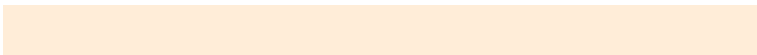
241.7410, -10.7183, -15.5589



237.6580, 8.5496, -35.6571



244.4340, 5.2090, 9.2664

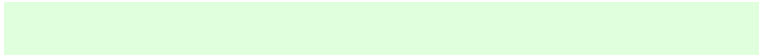


239.9880, -11.8261, 13.1655

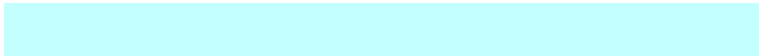


# Rectangle

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



241.7410, -10.7183, -15.5589



236.8320, 7.9708, -36.6867



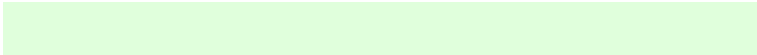
244.4340, 5.2090, 9.2664



239.7890, 0.1040, 13.3400

# Sweetspot

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



241.7410, -10.7183, -15.5589



251.1690, -3.0413, -4.5332



248.6620, -14.1304, 5.5584



125.4080, -2.1731, -2.9888



0.0000, 0.0000, 0.0000

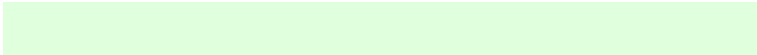


128.0000, 0.0000, 0.0000

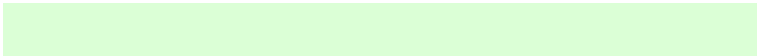


# Same Dimension

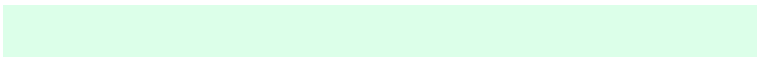
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.7410, -10.7183, -15.5589



239.5620, -12.6021, -18.0329



242.0270, -4.4503, -19.3177



122.9300, -3.9095, -6.0776



118.6950, -58.5166, -84.8015



39.6610, -19.5529, -28.6437



# Inverse Universe

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



233.2590, 10.7183, 15.5589



229.4380, 12.6021, 18.0329



232.9730, 4.4503, 19.3177



119.7710, 4.0569, 5.4628



72.3050, 58.5166, 84.8015

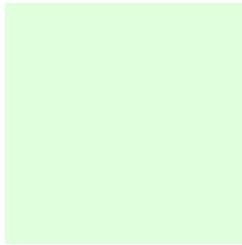


24.0400, 19.7003, 28.0289



# Previews

## White Background



This preview shows how the YUV color 241.7410, -10.7183, -15.5589 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

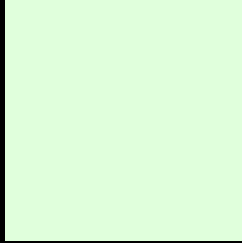
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 241.7410, -10.7183, -15.5589 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

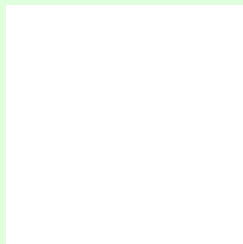
Any Text WCAG AAA ✓ Pass

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

# YUV 241.7410, -10.7183, -15.5589 Background



This preview shows how black text looks on a background with the YUV color 241.7410, -10.7183, -15.5589.



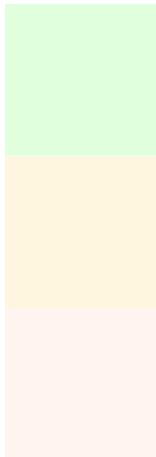
This preview shows how white text looks on a background with the YUV color 241.7410, -10.7183, -15.5589.

-15.5589.

# 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

241.7410, -10.7183, -15.5589

### Protanopia

246.0690, -11.3730, 7.8325

### Deuteranopia

246.8330, -3.3687, 7.1625

## **Tritanopia**

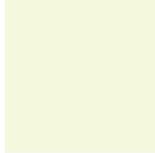
246.1180, 4.3788, -4.4885

# Trichromacy



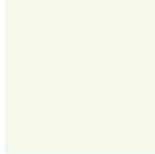
## Original Color

241.7410, -10.7183, -15.5589



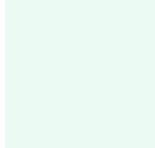
## Protanomaly

244.4270, -11.0565, -0.3745



## Deuteranomaly

245.0940, -5.9623, -0.9594



## Tritanomaly

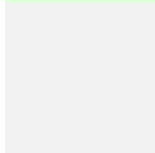
244.6030, -1.2833, -8.4218

# Monochromacy



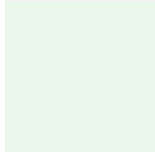
## Original Color

241.7410, -10.7183, -15.5589



## Achromatopsia

242.0000, 0.0000, 0.0000



## Achromatomaly

241.9300, -3.9095, -6.0776

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 241.7410, -10.7183, -15.5589 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(224, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 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(224, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 220) }
```

## Border

The CSS property to change the border of an element to YUV 241.7410, -10.7183, -15.5589 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(224, 255, 220) }
```



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

```
.border{ border-color:rgb(224, 255, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 255, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
220) }
```

# Background

The CSS property to change the background color of an element to YUV 241.7410, -10.7183, -15.5589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 220) }
```

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

```
.background{ background-color: rgb(224,  
255, 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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