

# Converting Colors

YUV(238.3270, -6.0772,  
-10.8108)

Have a look what the booklet for  
YUV(238.3270, -6.0772, -10.8108)  
contains.

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# Color

**YUV(238.3270, -6.0772,  
-10.8108)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2F7E2
RGB	226, 247, 226
RGB Percent	89%, 97%, 89%
CMY	0.1137, 0.0314, 0.1137
CMYK	0.09, 0.00, 0.09, 0.03
HSL	120°, 57%, 93%
HSV	120°, 9%, 97%
XYZ	78.3523, 88.1813, 84.8426
YIQ	238.3270, -5.7750, -10.9830

# Conversions

## Conversions Part 2

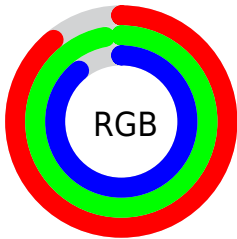
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 247, 247
Decimal	14874594
CIE Lab	95.24, -10.65, 7.75
CIE LCh	95, 13.169, 143.964
Yxy	88.1813, 0.3117, 0.3508
Android (android.graphics.Color)	4293064674 (0xFFE2F7E2)
YUV	238.3270, -6.0772, -10.8108
Hunter-Lab	93.9049, -15.3969, 12.1652

# Details

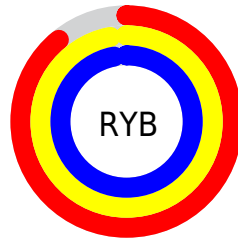
The YUV color  $238.3270, -6.0772, -10.8108$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $234.6730, 6.0772, 10.8108$ , and the grayscale version is  $238.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $182.7400, -5.7878, -10.2960$  is the 20% darker color. If you saturate the color by 10%, you get  $228.0020, -13.3120, -23.6808$ , and if you desaturate by 10%, it is  $248.6520, 1.1576, 2.0592$ .

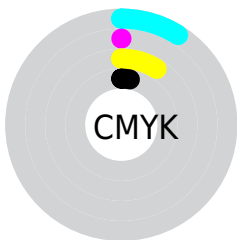
# Distribution



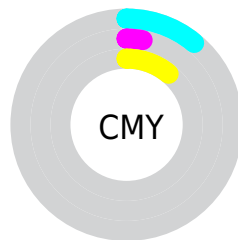
- Red (89%)
- Green (97%)
- Blue (89%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)



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

# Brightness & Saturation Gradients

These gradients show how the YUV color 238.3270, -6.0772, -10.8108 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 238.3270, -6.0772, -10.8108 by changing the saturation by 10% instead.



■ 238.3270, -6.0772,  
-10.8108

■ 238.3270, -6.0772,  
-10.8108

255.0000, 0.0000,  
0.0000

■ 209.7400, -5.7878,  
-10.2960

■ 182.7400, -5.7878,  
-10.2960

■ 155.7400, -5.7878,  
-10.2960

■ 129.2670, -5.0616,  
-9.8812

■ 104.5660, -5.2090,  
-9.2664

■ 79.9790, -4.9196,  
-8.7516

■ 57.0930, -4.4828,

-8.8516

■ 35.5060, -4.1935,  
-8.3368

■ 12.9140, -6.3666,  
-11.3256

■ 238.3270, -6.0772,  
-10.8108

■ 238.3270, -6.0772,  
-10.8108

■ 228.0020,  
-13.3120, -23.6808

■ 248.6520, 1.1576,  
2.0592

■ 218.0900,  
-20.2574, -36.0359

■ 250.3040, 2.3151,  
4.1184

■ 207.7650,  
-27.4921, -48.9059

■ 197.4400,  
-34.7269, -61.7759

■ 187.1150,  
-41.9617, -74.6459

■ 177.2030,  
-48.9071, -87.0010

■ 166.8780,  
-56.1419, -99.8710

■ 156.5530,  
-63.3766, -112.7410

■ 146.6410,  
-70.3220, -125.0962

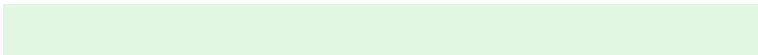
# Harmonies

## Analogous

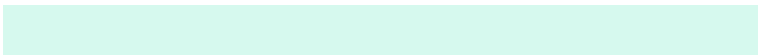
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.1390, -10.9145, 0.7551



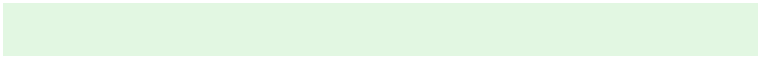
238.3270, -6.0772, -10.8108



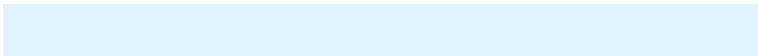
237.2810, 0.3545, -20.4174

# Triad

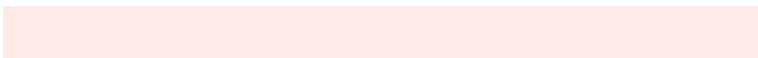
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.3270, -6.0772, -10.8108



238.9860, 7.8949, -12.2657



239.3500, -4.1165, 13.7251

# Complementary

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



238.3270, -6.0772, -10.8108



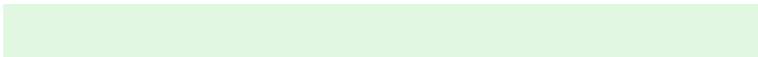
234.6730, 6.0772, 10.8108

# 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.



240.8320, 1.5618, 12.4253



238.3270, -6.0772, -10.8108



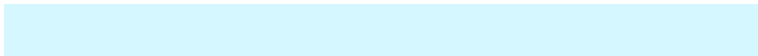
241.4220, 6.6940, -0.3701

# Square

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



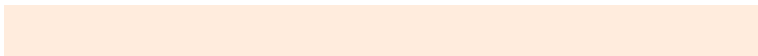
238.3270, -6.0772, -10.8108



237.7460, 8.5062, -21.7022



243.2600, 5.7878, 10.2960



239.9710, -9.3527, 13.1804



# Rectangle

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



238.3270, -6.0772, -10.8108



237.1110, 4.8753, -23.7763



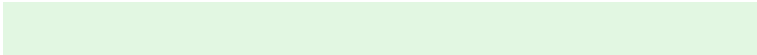
243.2600, 5.7878, 10.2960



239.9200, -1.9326, 13.2252

# Sweetspot

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



238.3270, -6.0772, -10.8108



251.6960, -2.3151, -4.1184



244.6060, -9.1728, 2.0995



125.5220, -1.7363, -3.0888



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

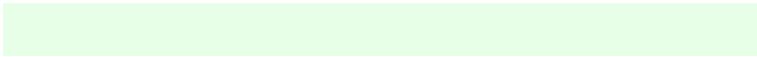


# Same Dimension

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



238.3270, -6.0772, -10.8108



244.6750, -7.2348, -12.8700



239.5810, -1.2724, -11.9105



117.0440, -3.4727, -6.1776



109.1820, -53.8267, -95.7526



34.6330, -17.0741, -30.3731



# Inverse Universe

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



234.6730, 6.0772, 10.8108



240.3250, 7.2348, 12.8700



233.5330, 1.7092, 11.8106



114.9560, 3.4727, 6.1776



76.8180, 53.8267, 95.7526

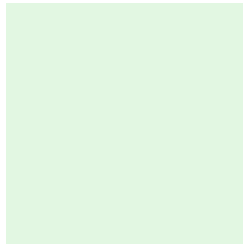


24.3670, 17.0741, 30.3731



# Previews

## White Background



This preview shows how the YUV color 238.3270, -6.0772, -10.8108 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

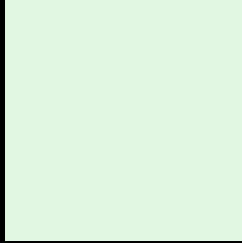
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 238.3270, -6.0772, -10.8108 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

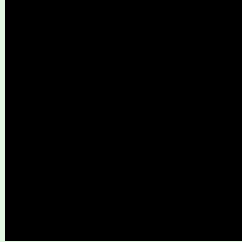
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

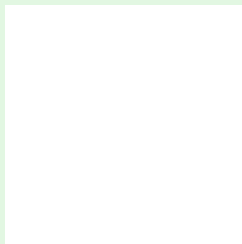
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 238.3270, -6.0772, -10.8108

## Background



This preview shows how black text looks on a background with the YUV color 238.3270, -6.0772, -10.8108.



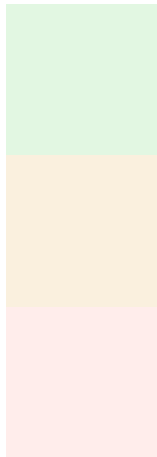
This preview shows how white text looks on a background with the YUV color 238.3270, -6.0772, -10.8108.

-10.8108.

# 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

238.3270, -6.0772, -10.8108

### Protanopia

240.9380, -9.3364, 7.9474

### Deuteranopia

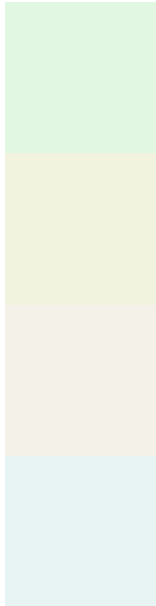
242.1540, -3.5269, 11.2659



## Tritanopia

241.3890, 6.7102, -5.6032

# Trichromacy



## Original Color

238.3270, -6.0772, -10.8108

## Protanomaly

240.1220, -8.4411, 0.7700

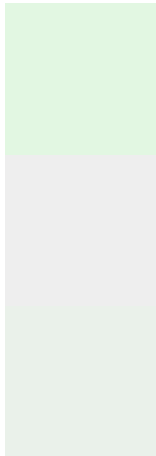
## Deuteranomaly

240.8710, -4.3734, 2.7441

## Tritanomaly

240.4120, 1.7689, -7.3773

# Monochromacy



## Original Color

238.3270, -6.0772, -10.8108

## Achromatopsia

238.0000, 0.0000, 0.0000

## Achromatomaly

238.1090, -2.0257, -3.6036

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 238.3270, -6.0772, -10.8108 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(226, 247, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 247, 226)  
}
```

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(226, 247, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 247, 226) }
```

## Border

The CSS property to change the border of an element to YUV 238.3270, -6.0772, -10.8108 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(226, 247, 226) }
```



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

```
.border{ border-color:rgb(226, 247, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 247, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 247, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 247, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 247,  
226) }
```

# Background

The CSS property to change the background color of an element to YUV 238.3270, -6.0772, -10.8108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 247, 226) }
```

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

```
.background{ background-color: rgb(226,  
247, 226) }
```

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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