

# Converting Colors

YUV(237.8140, -18.1493,  
-12.1149)

Have a look what the booklet for  
YUV(237.8140, -18.1493, -12.1149)  
contains.

<b>YUV(237.8140, -18.1493, -12.1149)</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(237.8140, -18.1493,  
-12.1149)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E0FCC9
RGB	224, 252, 201
RGB Percent	88%, 99%, 79%
CMY	0.1216, 0.0118, 0.2118
CMYK	0.11, 0.00, 0.20, 0.01
HSL	93°, 89%, 89%
HSV	93°, 20%, 99%
XYZ	76.0935, 89.6851, 68.5588
YIQ	237.8140, -0.3170, -21.7970

# Conversions

## Conversions Part 2

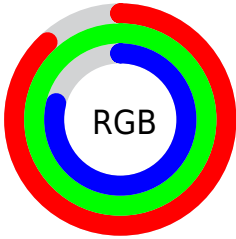
Format	Color
<a href="#">RYB</a>	<a href="#">201, 252, 229</a>
Decimal	<a href="#">14744777</a>
CIELab	<a href="#">95.87, -17.91, 21.45</a>
CIELCh	<a href="#">96, 27.944, 129.857</a>
Yxy	<a href="#">89.6851, 0.3247, 0.3827</a>
Android (android.graphics.Color)	<a href="#">4292934857</a> ( <a href="#">0xFFE0FCC9</a> )
YUV	<a href="#">237.8140, -18.1493, -12.1149</a>
Hunter-Lab	<a href="#">94.7022, -22.3037, 23.3692</a>

# Details

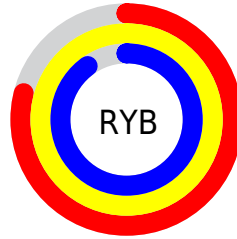
The YUV color **237.8140, -18.1493, -12.1149** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **215.1860, 18.1493, 12.1149**, and the grayscale version is **238.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **181.4550, -16.9863, -11.8000** is the 20% darker color. If you saturate the color by 10%, you get **230.7780, -27.0056, -18.2223**, and if you desaturate by 10%, it is **244.8500, -9.2930, -6.0074**.

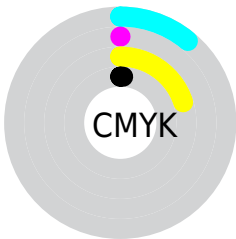
# Distribution



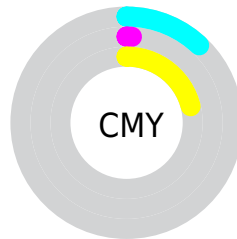
- Red (88%)
- Green (99%)
- Blue (79%)



- Red (79%)
- Yellow (99%)
- Blue (90%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (1%)



- Cyan (12%)
- Magenta (1%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 237.8140, -18.1493, -12.1149 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 237.8140, -18.1493, -12.1149 by changing the saturation by 10% instead.



■ 237.8140,  
-18.1493, -12.1149

■ 237.8140,  
-18.1493, -12.1149

255.0000, 0.0000,  
0.0000

■ 209.3410,  
-17.4231, -11.7001

■ 181.4550,  
-16.9863, -11.8000

■ 154.8680,  
-16.6969, -11.2852

■ 128.9820,  
-16.2601, -11.3852

■ 103.5090,  
-15.5339, -10.9704

■ 79.0360, -14.8077,  
-10.5556

■ 56.1500, -14.3709,

-10.6555

■ 33.3350, -14.9552,  
-9.9408

■ 15.2620, -7.5242,  
-13.3848

■ 237.8140,  
-18.1493, -12.1149

■ 237.8140,  
-18.1493, -12.1149

■ 230.7780,  
-27.0056, -18.2223

■ 244.8500, -9.2930,  
-6.0074

■ 223.7420,  
-35.8618, -24.3297

■ 251.8860, -0.4368,  
0.1000

■ 216.5920,  
-45.1549, -30.3372

■ 253.2390, 0.8682,  
1.5444

■ 209.8550,  
-54.1585, -35.8298

■ 202.8190,  
-63.0148, -41.9373

■ 195.7830,  
-71.8710, -48.0447

■ 188.7470,  
-80.7273, -54.1521

■ 182.0100,  
-89.7309, -59.6448

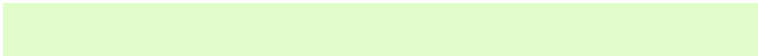
# Harmonies

## Analogous

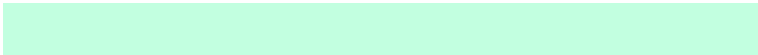
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.1330, -25.2086, 12.1614



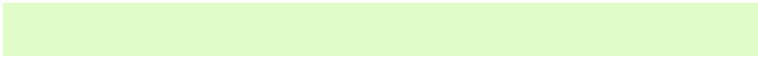
237.8140, -18.1493, -12.1149



233.2270, -4.5489, -34.4021

# Triad

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



237.8140, -18.1493, -12.1149



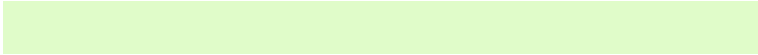
232.9180, 10.8864, -38.5161



234.5230, 0.2352, 17.9583

# Complementary

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



237.8140, -18.1493, -12.1149



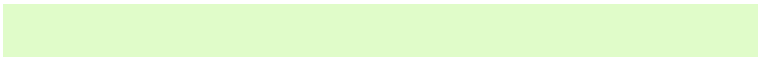
215.1860, 18.1493, 12.1149

# Split Complementary

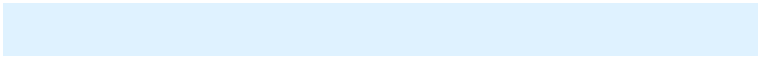
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.9770, 8.3923, 14.9292



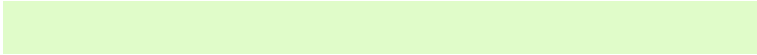
237.8140, -18.1493, -12.1149



237.8010, 8.4791, -12.9805

# Square

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



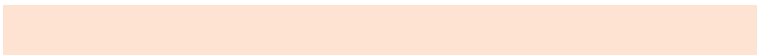
237.8140, -18.1493, -12.1149



229.2860, 12.6770, -52.8708



242.0860, 6.3666, 11.3256

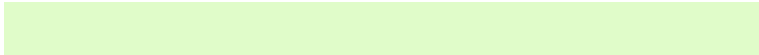


233.4340, -11.5530, 18.9134

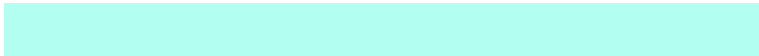


# Rectangle

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



237.8140, -18.1493, -12.1149



230.4950, 5.6720, -46.0381



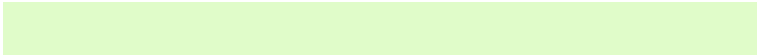
242.0860, 6.3666, 11.3256



235.5490, 4.1663, 17.0585

# Sweetspot

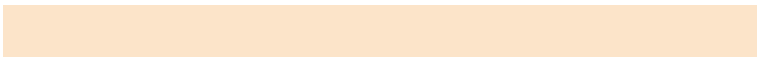
The Sweet Spot groups the original color and five complimentary colors.



237.8140, -18.1493, -12.1149



250.8980, -5.3727, -3.4185



232.0980, -15.3313, 17.4541



125.4790, -3.1941, -2.1741



0.0000, 0.0000, 0.0000

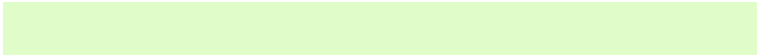


128.0000, 0.0000, 0.0000

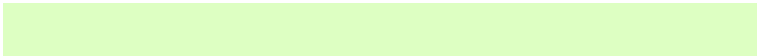


# Same Dimension

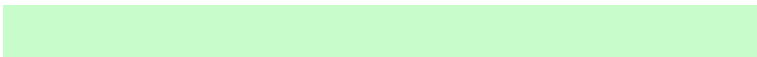
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.8140, -18.1493, -12.1149



237.8800, -21.6328, -14.8038



231.1650, -13.8853, -26.4547



121.4250, -4.6465, -3.0037



136.3580, -67.2245, -45.0410



44.1790, -21.7802, -14.1890



# Inverse Universe

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



215.1860, 18.1493, 12.1149



210.8210, 21.7802, 14.1890



221.8350, 13.8853, 26.4547



115.5750, 4.6465, 3.0037



52.6420, 67.2245, 45.0410

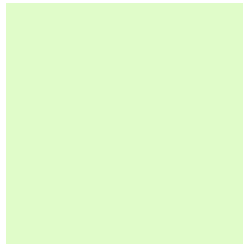


17.1200, 21.6328, 14.8038



# Previews

## White Background



This preview shows how the YUV color 237.8140, -18.1493, -12.1149 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

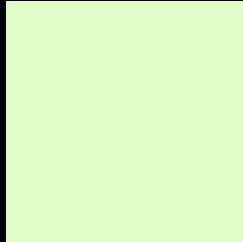
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 237.8140, -18.1493, -12.1149 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

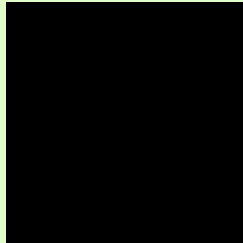
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

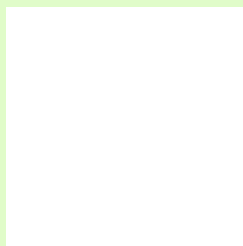
Any Text WCAG AAA ✓ Pass

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

# YUV 237.8140, -18.1493, -12.1149 Background



This preview shows how black text looks on a background with the YUV color 237.8140, -18.1493, -12.1149.



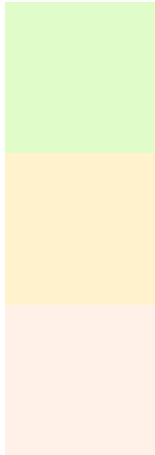
This preview shows how white text looks on a background with the YUV color 237.8140, -18.1493, -12.1149.

-12.1149.

# 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

237.8140, -18.1493, -12.1149

### Protanopia

241.6690, -18.0778, 11.6913

### Deuteranopia

243.5730, -5.7055, 10.0215



## Tritanopia

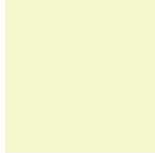
242.5740, 6.1260, -4.8884

# Trichromacy



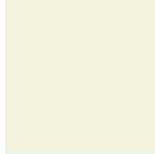
## Original Color

237.8140, -18.1493, -12.1149



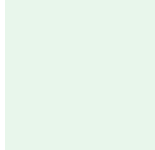
## Protanomaly

240.6140, -18.0507, 2.9695



## Deuteranomaly

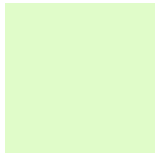
241.3780, -10.0464, 2.2995



## Tritanomaly

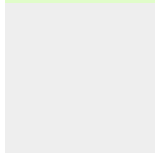
240.5600, -2.7411, -7.5071

# Monochromacy



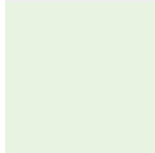
## Original Color

237.8140, -18.1493, -12.1149



## Achromatopsia

238.0000, 0.0000, 0.0000



## Achromatomaly

237.9580, -6.3883, -4.3482

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 237.8140, -18.1493, -12.1149 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, 252, 201)` looks like.

```
.text, #text, p{  
    color:rgb(224, 252, 201)  
}
```

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, 252, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 252, 201) }
```

## Border

The CSS property to change the border of an element to YUV 237.8140, -18.1493, -12.1149 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, 252, 201) }
```



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

```
.border{ border-color:rgb(224, 252, 201) }
```

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

Here you see how a box with a 4 pixel rgb(224, 252, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 252, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 252, 201);  
box-shadow:4px 4px 4px 4px rgb(224, 252,  
201) }
```

# Background

The CSS property to change the background color of an element to YUV 237.8140, -18.1493, -12.1149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 252, 201) }
```

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

```
.background{ background-color: rgb(224,  
252, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor