

# Converting Colors

YUV(247.4530, -7.1253, -1.2743)

Have a look what the booklet for  
YUV(247.4530, -7.1253, -1.2743)  
contains.

<b>YUV(247.4530, -7.1253, -1.2743)</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(247.4530, -7.1253,  
-1.2743)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6FBE9
RGB	246, 251, 233
RGB Percent	96%, 98%, 91%
CMY	0.0353, 0.0157, 0.0863
CMYK	0.02, 0.00, 0.07, 0.02
HSL	77°, 69%, 95%
HSV	77°, 7%, 98%
XYZ	87.2112, 94.4704, 90.7289
YIQ	247.4530, 2.7980, -6.6580

# Conversions

## Conversions Part 2

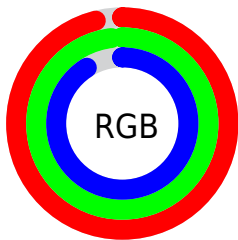
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 251, 238
Decimal	16186345
CIE Lab	97.82, -4.74, 8.04
CIE LCh	98, 9.337, 120.544
Yxy	94.4704, 0.3201, 0.3468
Android (android.graphics.Color)	4294376425 (0xFFFF6FBE9)
YUV	247.4530, -7.1253, -1.2743
Hunter-Lab	97.1959, -9.9296, 12.6920

# Details

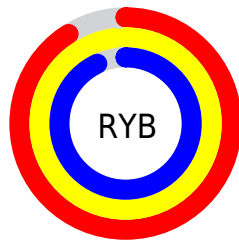
The YUV color  $247.4530, -7.1253, -1.2743$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $236.5470, 7.1253, 1.2743$ , and the grayscale version is  $248.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $191.4530, -7.1253, -1.2743$  is the 20% darker color. If you saturate the color by 10%, you get  $242.5100, -17.0134, -3.0783$ , and if you desaturate by 10%, it is  $252.0540, 1.4524, 0.8296$ .

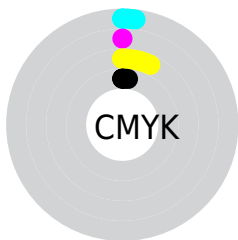
# Distribution



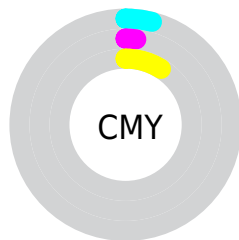
- Red (96%)
- Green (98%)
- Blue (91%)



- Red (91%)
- Yellow (98%)
- Blue (93%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)




- Cyan (4%)
- Magenta (2%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 247.4530, -7.1253, -1.2743 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 247.4530, -7.1253, -1.2743 by changing the saturation by 10% instead.



 247.4530, -7.1253,  
-1.2743


 247.4530, -7.1253,  
-1.2743


255.0000, 0.0000,  
0.0000


 218.8660, -6.8359,  
-0.7595

 191.4530, -7.1253,  
-1.2743

 163.9800, -6.3991,  
-0.8595

 137.6810, -6.2517,  
-1.4742

 112.0940, -5.9623,  
-0.9594

 88.0940, -5.9623,  
-0.9594

 64.2080, -5.5255,

-1.0594

■ 42.3220, -5.0887,  
-1.1594

■ 21.9800, -6.3991,  
-0.8595

■ 247.4530, -7.1253,  
-1.2743

■ 247.4530, -7.1253,  
-1.2743

■ 242.5100,  
-17.0134, -3.0783

■ 252.0540, 1.4524,  
0.8296

■ 237.5670,  
-26.9015, -4.8823

■ 252.6520, 1.1576,  
2.0592

■ 232.6240,  
-36.7896, -6.6862

■ 227.6810,  
-46.6777, -8.4902

■ 222.6240,  
-57.0026, -10.1942

■ 217.6810,  
-66.8907, -11.9982

■ 212.7380,  
-76.7788, -13.8022

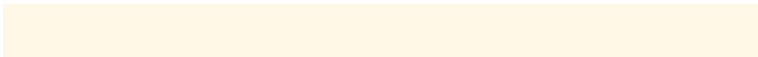
■ 207.7950,  
-86.6669, -15.6062

■ 202.8520,  
-96.5550, -17.4102

# Harmonies

## Analogous

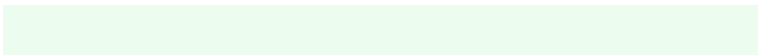
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248.1550, -8.4574, 6.0031



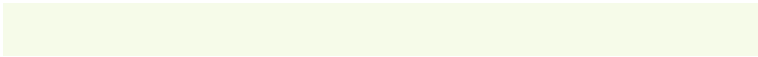
247.4530, -7.1253, -1.2743



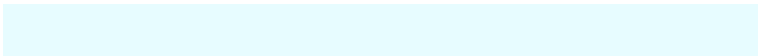
246.4350, -3.1725, -9.1515

# Triad

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



247.4530, -7.1253, -1.2743



246.0630, 4.4059, -13.2103



247.2720, 0.8519, 6.7775

# Complementary

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



247.4530, -7.1253, -1.2743



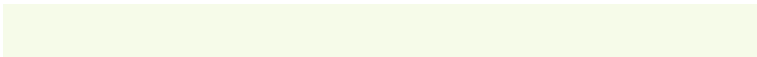
236.5470, 7.1253, 1.2743

# Split Complementary

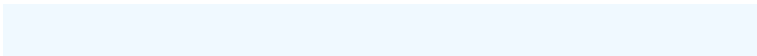
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248.5430, 3.1833, 5.6628



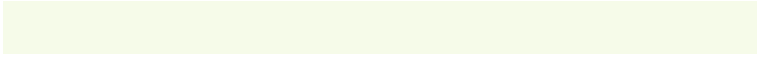
247.4530, -7.1253, -1.2743



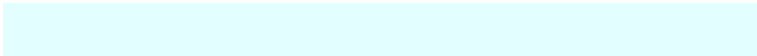
246.9930, 3.9475, -6.1329

# Square

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



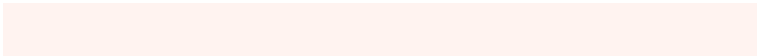
247.4530, -7.1253, -1.2743



246.0410, 4.4168, -16.6990



248.5210, 3.1941, 2.1741



246.2460, -3.0793, 7.6773

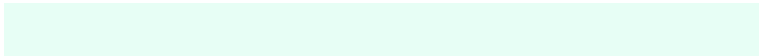


# Rectangle

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



247.4530, -7.1253, -1.2743



246.0970, -0.5408, -13.2401



248.5210, 3.1941, 2.1741



247.6140, 2.1623, 6.4775

# Sweetspot

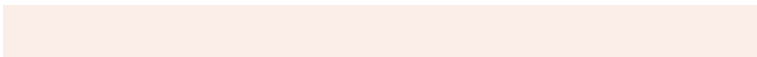
The Sweet Spot groups the original color and five complimentary colors.



247.4530, -7.1253, -1.2743



254.1310, -2.0366, -0.1149



241.3170, -4.1003, 8.4920



127.3590, -1.1630, -0.3148



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

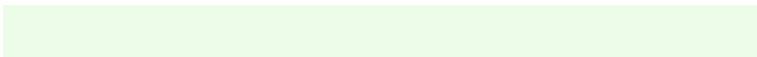
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.4530, -7.1253, -1.2743



250.5840, -9.1619, -1.3892



244.7620, -5.7987, -6.8073



122.3220, -5.0887, -1.1594



151.6070, -74.7423, -13.6873



48.9630, -24.1388, -4.3526



# Inverse Universe

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



236.5470, 7.1253, 1.2743



236.4160, 9.1619, 1.3892



239.2380, 5.7987, 6.8073



114.6780, 5.0887, 1.1594



37.0940, 74.8897, 13.0726

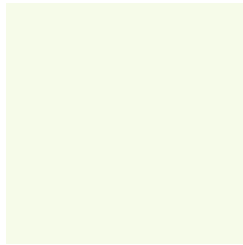


12.0370, 24.1388, 4.3526



# Previews

## White Background



This preview shows how the YUV color 247.4530, -7.1253, -1.2743 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 247.4530, -7.1253, -1.2743 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

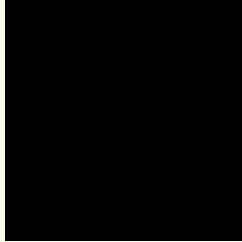
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

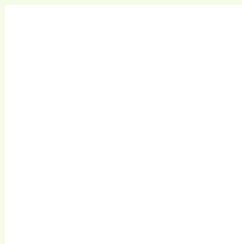
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 247.4530, -7.1253, -1.2743

## Background



This preview shows how black text looks on a background with the YUV color 247.4530, -7.1253, -1.2743.



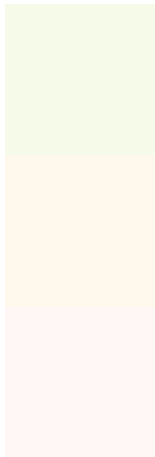
This preview shows how white text looks on a background with the YUV color 247.4530, -7.1253, -1.2743.

-1.243.

# 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

247.4530, -7.1253, -1.2743

### Protanopia

248.7250, -6.2734, 5.5032

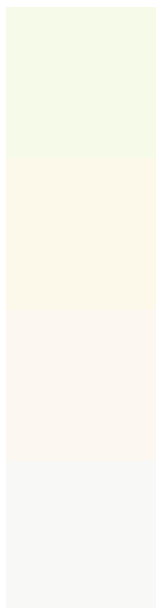
### Deuteranopia

249.2780, -1.6161, 5.0182

## **Tritanopia**

249.0970, 2.9102, -0.0851

# Trichromacy



## Original Color

247.4530, -7.1253, -1.2743

## Protanomaly

248.3010, -6.5574, 3.2440

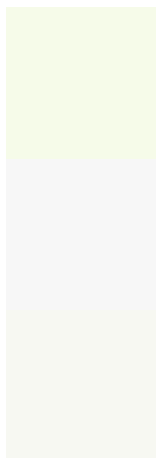
## Deuteranomaly

248.3980, -3.6472, 3.1590

## Tritanomaly

248.4730, -0.7262, -0.4148

# Monochromacy



## Original Color

247.4530, -7.1253, -1.2743

## Achromatopsia

247.0000, 0.0000, 0.0000

## Achromatomaly

247.0170, -2.4734, -0.0149

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 247.4530, -7.1253, -1.2743 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(246, 251, 233)` looks like.

```
.text, #text, p{  
    color:rgb(246, 251, 233)  
}
```

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(246, 251, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 251, 233) }
```

## Border

The CSS property to change the border of an element to YUV 247.4530, -7.1253, -1.2743 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(246, 251, 233) }
```



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

```
.border{ border-color:rgb(246, 251, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 251, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 251, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 251, 233);  
box-shadow:4px 4px 4px 4px rgb(246, 251,  
233) }
```

# Background

The CSS property to change the background color of an element to YUV 247.4530, -7.1253, -1.2743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 251, 233) }
```

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

```
.background{ background-color: rgb(246,  
251, 233) }
```

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