

# Converting Colors

YUV(247.3090, -15.4353,  
4.1140)

Have a look what the booklet for  
YUV(247.3090, -15.4353, 4.1140)  
contains.

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# Color

**YUV(247.3090, -15.4353,  
4.1140)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCFBD8
RGB	252, 251, 216
RGB Percent	99%, 98%, 85%
CMY	0.0118, 0.0157, 0.1529
CMYK	0.00, 0.00, 0.14, 0.01
HSL	58°, 86%, 92%
HSV	58°, 14%, 99%
XYZ	87.0367, 94.6477, 78.6472
YIQ	247.3090, 11.8310, -10.6730

# Conversions

## Conversions Part 2

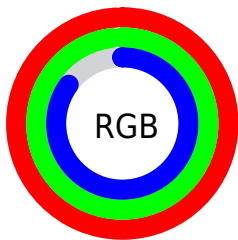
Format	Color
R <sub>Y</sub> B	217, 252, 216
Decimal	16579544
CIE Lab	97.89, -5.38, 16.92
CIE LCh	98, 17.752, 107.627
Yxy	94.6477, 0.3343, 0.3636
Android (android.graphics.Color)	4294769624 (0xFFFCFBD8)
YUV	247.3090, -15.4353, 4.1140
Hunter-Lab	97.2870, -10.5593, 20.1706

# Details

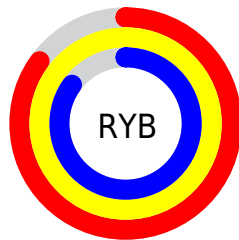
The YUV color  $247.3090, -15.4353, 4.1140$  is a light color, and the websafe version is hex  $FFFCC$ . A complement of this color would be  $220.6910, 15.4353, -4.1140$ , and the grayscale version is  $247.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $191.1240, -14.8511, 3.3993$  is the 20% darker color. If you saturate the color by 10%, you get  $243.8720, -26.0659, 7.1283$ , and if you desaturate by 10%, it is  $250.7460, -4.8048, 1.0998$ .

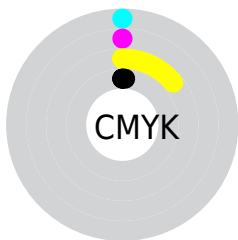
# Distribution



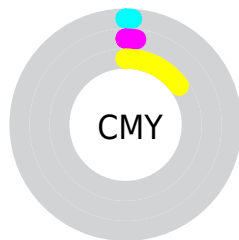
- Red (99%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (99%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (14%)
- Black (1%)



- Cyan (1%)
- Magenta (2%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 247.3090, -15.4353, 4.1140 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 247.3090, -15.4353, 4.1140 by changing the saturation by 10% instead.



247.3090,  
-15.4353, 4.1140

247.3090,  
-15.4353, 4.1140

255.0000, 0.0000,  
0.0000

218.4230,  
-14.9985, 4.0140

191.1240,  
-14.8511, 3.3993

163.6510,  
-14.1249, 3.8141

137.3520,  
-13.9775, 3.1993

111.8790,  
-13.2513, 3.6141

87.6940, -12.6671,  
2.8994

64.5090, -12.0829,

2.1846

■ 41.7370, -11.2093,  
1.9847

■ 21.8510, -10.7725,  
1.8847

■ 247.3090,  
-15.4353, 4.1140

■ 247.3090,  
-15.4353, 4.1140

■ 243.8720,  
-26.0659, 7.1283

■ 250.7460, -4.8048,  
1.0998

■ 241.0220,  
-36.9858, 9.6277

■ 252.3420, 1.3104,  
-0.2999

■ 237.4710,  
-48.0532, 12.7419

■ 252.9290, 1.0210,  
-0.8147

■ 234.0340,  
-58.6838, 15.7562

■ 253.5160, 0.7316,  
-1.3295

■ 230.5970,  
-69.3143, 18.7704

254.1030, 0.4422,  
-1.8443

■ 227.7470,  
-80.2343, 21.2699

■ 224.3100,  
-90.8648, 24.2841

■ 220.7590,  
-101.9322, 27.3984

■ 219.1630,  
-108.0474, 28.7980

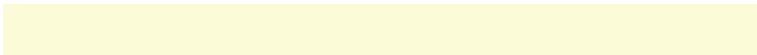
# Harmonies

## Analogous

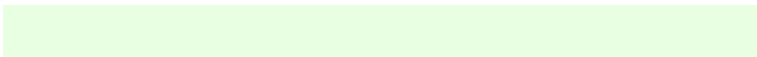
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.6840, -14.1412, 9.0471



247.3090, -15.4353, 4.1140



244.7030, -9.7136, -11.1405

# Triad

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



247.3090, -15.4353, 4.1140



240.9470, 6.9281, -28.8945



245.0210, 4.9196, 8.7516

# Complementary

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



247.3090, -15.4353, 4.1140



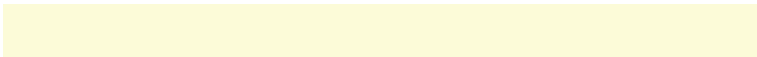
220.6910, 15.4353, -4.1140

# Split Complementary

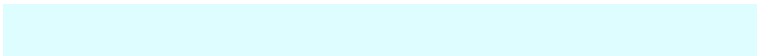
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.7820, 4.0515, 7.2072



247.3090, -15.4353, 4.1140



243.9590, 5.4432, -19.2580

# Square

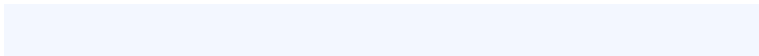
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



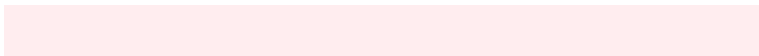
247.3090, -15.4353, 4.1140



240.0500, 7.3704, -30.7388



246.7160, 4.0840, -3.2589



242.6100, -1.7797, 10.8660

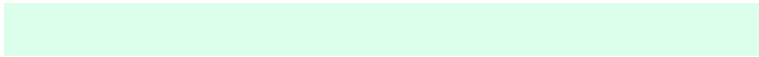


# Rectangle

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



247.3090, -15.4353, 4.1140



242.2550, -3.5767, -19.5176



246.7160, 4.0840, -3.2589



245.6080, 4.6303, 8.2368

# Sweetspot

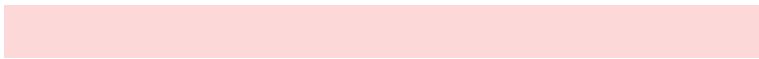
The Sweet Spot groups the original color and five complimentary colors.



247.3090, -15.4353, 4.1140



253.8600, -4.3680, 0.9998



226.8780, -4.8699, 22.0320



126.6150, -2.7682, 1.2146



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.



247.3090, -15.4353, 4.1140



249.5110, -18.4929, 4.8139



242.8130, -13.2188, -6.8520



123.5180, -5.6784, 1.2997



163.9320, -80.8185, 21.9846



52.8720, -26.0659, 7.1283



# Inverse Universe

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



220.6910, 15.4353, -4.1140



217.4890, 18.4929, -4.8139



225.1870, 13.2188, 6.8520



114.0690, 5.3890, -1.8145



24.4810, 81.1079, -21.4698

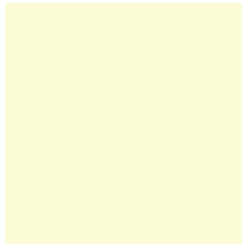


8.1280, 26.0659, -7.1283



# Previews

## White Background



This preview shows how the YUV color 247.3090, -15.4353, 4.1140 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

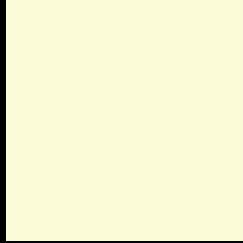
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 247.3090, -15.4353, 4.1140 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

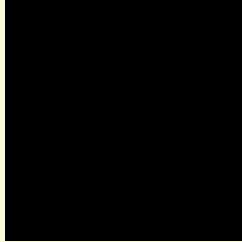
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 247.3090, -15.4353, 4.1140

## Background



This preview shows how black text looks on a background with the YUV color 247.3090, -15.4353, 4.1140.



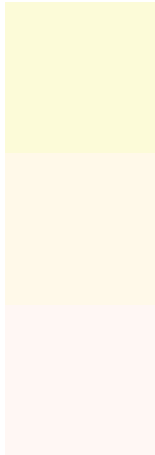
This preview shows how white text looks on a background with the YUV color 247.3090, -15.4353, 4.1140.

4.1140.

# 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

247.3090, -15.4353, 4.1140

### Protanopia

248.9700, -7.8732, 5.2883

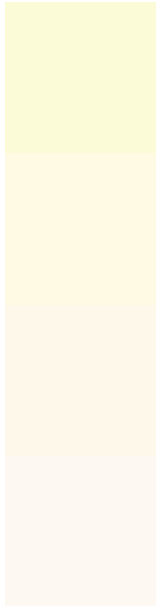
### Deuteranopia

249.0500, -2.4896, 5.2182

## **Tritanopia**

249.7060, 2.6099, 2.8888

# Trichromacy



## Original Color

247.3090, -15.4353, 4.1140

## Protanomaly

248.5740, -10.6360, 4.7586

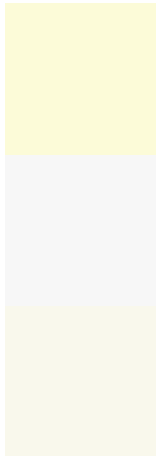
## Deuteranomaly

248.1980, -6.9996, 5.0884

## Tritanomaly

248.6970, -3.7946, 3.7737

# Monochromacy



## Original Color

247.3090, -15.4353, 4.1140

## Achromatopsia

247.0000, 0.0000, 0.0000

## Achromatomaly

246.9310, -5.3890, 1.8145

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 247.3090, -15.4353, 4.1140 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(252, 251, 216)` looks like.

```
.text, #text, p{  
    color:rgb(252, 251, 216)  
}
```

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(252, 251, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 251, 216) }
```

## Border

The CSS property to change the border of an element to YUV 247.3090, -15.4353, 4.1140 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(252, 251, 216) }
```



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

```
.border{ border-color:rgb(252, 251, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 251, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 251, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 251, 216);  
box-shadow:4px 4px 4px 4px rgb(252, 251,  
216) }
```

# Background

The CSS property to change the background color of an element to YUV 247.3090, -15.4353, 4.1140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 251, 216) }
```

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

```
.background{ background-color: rgb(252,  
251, 216) }
```

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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