

# Converting Colors

YUV(235.4290, -14.0155,  
15.4098)

Have a look what the booklet for  
YUV(235.4290, -14.0155, 15.4098)  
contains.

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# Color

**YUV(235.4290, -14.0155,  
15.4098)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FDE8CF
RGB	253, 232, 207
RGB Percent	99%, 91%, 81%
CMY	0.0078, 0.0902, 0.1882
CMYK	0.00, 0.08, 0.18, 0.01
HSL	33°, 92%, 90%
HSV	33°, 18%, 99%
XYZ	80.6271, 83.1009, 70.8220
YIQ	235.4290, 20.5410, -3.3230

# Conversions

## Conversions Part 2

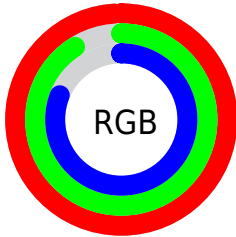
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 253, 207
Decimal	16640207
CIE Lab	93.06, 3.24, 14.74
CIE LCh	93, 15.096, 77.623
Yxy	83.1009, 0.3438, 0.3543
Android (android.graphics.Color)	4294830287 (0xFFFDE8CF)
YUV	235.4290, -14.0155, 15.4098
Hunter-Lab	91.1597, -1.6533, 17.7493

# Details

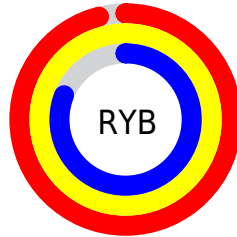
The YUV color  $235.4290, -14.0155, 15.4098$  is a light color, and the websafe version is hex  $FFFFCC$ . A complement of this color would be  $224.5710, 14.0155, -15.4098$ , and the grayscale version is  $236.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $179.3580, -12.9945, 14.5950$  is the 20% darker color. If you saturate the color by 10%, you get  $225.5350, -21.4628, 24.0868$ , and if you desaturate by 10%, it is  $245.3230, -6.5682, 6.7327$ .

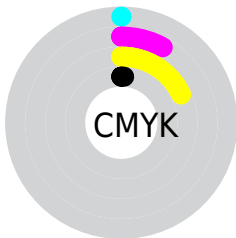
# Distribution



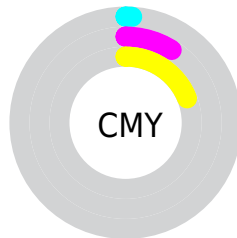
- Red (99%)
- Green (91%)
- Blue (81%)



- Red (96%)
- Yellow (99%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (18%)
- Black (1%)



- Cyan (1%)
- Magenta (9%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 235.4290, -14.0155, 15.4098 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 235.4290, -14.0155, 15.4098 by changing the saturation by 10% instead.



235.4290,  
-14.0155, 15.4098

235.4290,  
-14.0155, 15.4098

255.0000, 0.0000,  
0.0000

207.1300,  
-13.8681, 14.7950

179.3580,  
-12.9945, 14.5950

153.0590,  
-12.8471, 13.9803

126.8740,  
-12.2629, 13.2655

101.6890,  
-11.6787, 12.5507

77.5040, -11.0945,  
11.8360

54.9060, -10.7997,

10.6064

■ 33.1940, -10.9416,  
9.4769

■ 11.2740, -5.5581,  
9.4067

■ 235.4290,  
-14.0155, 15.4098

■ 235.4290,  
-14.0155, 15.4098

■ 225.5350,  
-21.4628, 24.0868

■ 245.3230, -6.5682,  
6.7327

■ 216.1140,  
-29.6362, 32.3490

254.4020, 0.2948,  
-1.2296

■ 206.2200,  
-37.0835, 41.0261

■ 196.9130,  
-44.8201, 49.1883

■ 186.9050,  
-52.7042, 57.9653

■ 177.5980,  
-60.4408, 66.1276

■ 167.7040,  
-67.8881, 74.8046

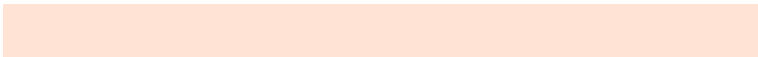
■ 158.3970,  
-75.6247, 82.9668

■ 156.6530,  
-77.2299, 84.4963

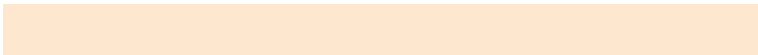
# Harmonies

## Analogous

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



234.4770, -10.0952, 17.9987



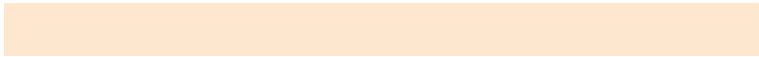
235.4290, -14.0155, 15.4098



233.8790, -13.2513, 3.6141

# Triad

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



235.4290, -14.0155, 15.4098



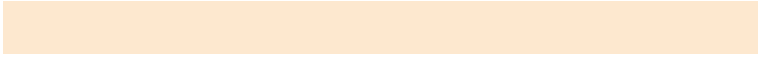
230.4310, 6.1965, -27.5650



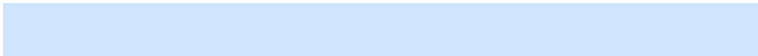
237.6450, 8.5560, 9.0813

# Complementary

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



235.4290, -14.0155, 15.4098



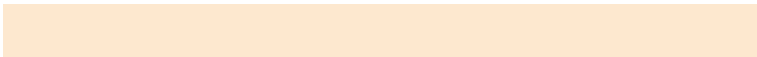
224.5710, 14.0155, -15.4098

# Split Complementary

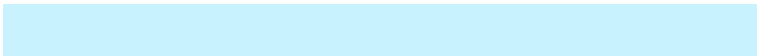
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.6110, 10.0518, -4.0438



235.4290, -14.0155, 15.4098



231.2230, 11.7221, -26.5056

# Square

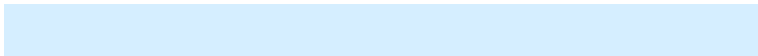
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.4290, -14.0155, 15.4098



230.2270, -1.0979, -21.2471



232.4630, 11.1107, -17.0691

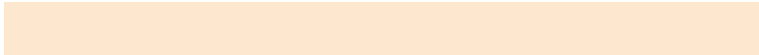


236.4950, 2.7140, 16.2289



# Rectangle

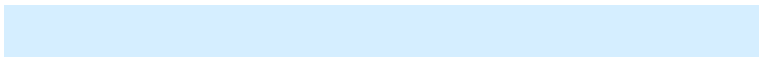
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.4290, -14.0155, 15.4098



232.6220, -10.1666, -5.8075



232.4630, 11.1107, -17.0691



236.7370, 9.0037, 5.4927

# Sweetspot

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



235.4290, -14.0155, 15.4098



249.9960, -3.9420, 4.3885



223.1480, 2.3920, 26.1802



124.7400, -2.3368, 2.8590



0.0000, 0.0000, 0.0000

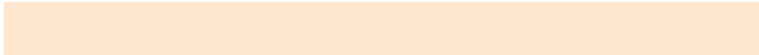


128.0000, 0.0000, 0.0000

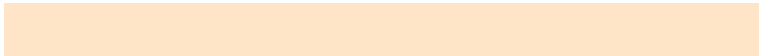


# Same Dimension

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



235.4290, -14.0155, 15.4098



233.3540, -16.9365, 18.9835



247.1580, -19.7979, 3.3694



122.9960, -3.9420, 4.3885



118.1570, -58.2514, 63.8833

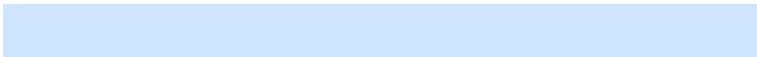


39.6810, -19.5627, 21.3278



# Inverse Universe

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



224.5710, 14.0155, -15.4098



220.6460, 16.9365, -18.9835



212.8420, 19.7979, -3.3694



120.0040, 3.9420, -4.3885



72.8430, 58.2514, -63.8833

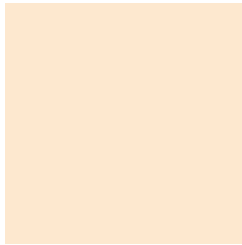


24.3190, 19.5627, -21.3278



# Previews

## White Background



This preview shows how the YUV color 235.4290, -14.0155, 15.4098 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

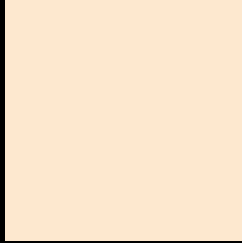
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 235.4290, -14.0155, 15.4098 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

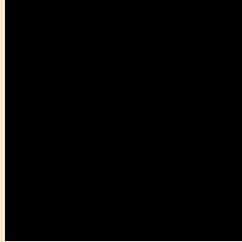
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 235.4290, -14.0155, 15.4098

## Background



This preview shows how black text looks on a background with the YUV color 235.4290, -14.0155, 15.4098.



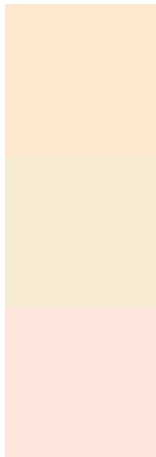
This preview shows how white text looks on a background with the YUV color 235.4290, -14.0155, 15.4098.

15.4098.

# 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

235.4290, -14.0155, 15.4098

### Protanopia

234.6240, -13.1256, 9.9768

### Deuteranopia

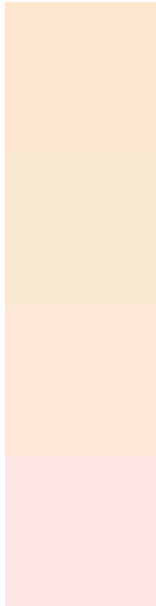
236.3350, -8.0532, 16.3692



## Tritanopia

237.7830, 2.5720, 15.0993

# Trichromacy



## Original Color

235.4290, -14.0155, 15.4098

## Protanomaly

234.9340, -13.2785, 12.3359

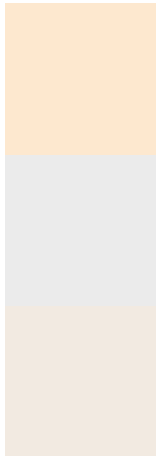
## Deuteranomaly

236.0530, -10.3791, 15.7395

## Tritanomaly

236.5890, -3.2484, 15.2694

# Monochromacy



## Original Color

235.4290, -14.0155, 15.4098

## Achromatopsia

235.0000, 0.0000, 0.0000

## Achromatomaly

235.3660, -5.1104, 5.8180

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 235.4290, -14.0155, 15.4098 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(253, 232, 207)` looks like.

```
.text, #text, p{  
    color:rgb(253, 232, 207)  
}
```

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(253, 232, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 232, 207) }
```

## Border

The CSS property to change the border of an element to YUV 235.4290, -14.0155, 15.4098 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(253, 232, 207) }
```



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

```
.border{ border-color:rgb(253, 232, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 232, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 232, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 232, 207);  
box-shadow:4px 4px 4px 4px rgb(253, 232,  
207) }
```

# Background

The CSS property to change the background color of an element to YUV 235.4290, -14.0155, 15.4098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 232, 207) }
```

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

```
.background{ background-color: rgb(253,  
232, 207) }
```

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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