

# Converting Colors

YUV(234.8240, -9.7732, 8.0474)

Have a look what the booklet for  
YUV(234.8240, -9.7732, 8.0474)  
contains.

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# Color

**YUV(234.8240, -9.7732,  
8.0474)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4EAD7
RGB	244, 234, 215
RGB Percent	96%, 92%, 84%
CMY	0.0431, 0.0824, 0.1569
CMYK	0.00, 0.04, 0.12, 0.04
HSL	39°, 57%, 90%
HSV	39°, 12%, 96%
XYZ	78.9968, 82.9850, 76.1441
YIQ	234.8240, 12.0590, -3.7890

# Conversions

## Conversions Part 2

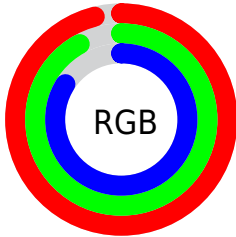
Format	Color
R <sub>Y</sub> B	230, 244, 215
Decimal	16050903
CIE Lab	93.01, 0.24, 10.42
CIE LCh	93, 10.424, 88.669
Yxy	82.9850, 0.3317, 0.3485
Android (android.graphics.Color)	4294240983 (0xFFF4EAD7)
YUV	234.8240, -9.7732, 8.0474
Hunter-Lab	91.0961, -4.6265, 14.2088

# Details

The YUV color  $234.8240, -9.7732, 8.0474$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $224.1760, 9.7732, -8.0474$ , and the grayscale version is  $235.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $178.9380, -9.3364, 7.9474$  is the 20% darker color. If you saturate the color by 10%, you get  $227.3920, -17.9413, 14.5652$ , and if you desaturate by 10%, it is  $242.2560, -1.6052, 1.5295$ .

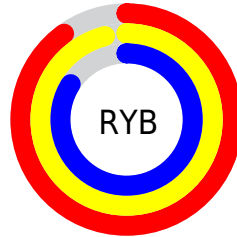
# Distribution



Red (96%)

Green (92%)

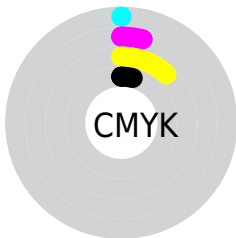
Blue (84%)



Red (90%)

Yellow (96%)

Blue (84%)

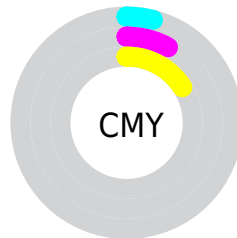


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (4%)



Cyan (4%)

Magenta (8%)

Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 234.8240, -9.7732, 8.0474 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 234.8240, -9.7732, 8.0474 by changing the saturation by 10% instead.




 234.8240, -9.7732,  
8.0474


 234.8240, -9.7732,  
8.0474


255.0000, 0.0000,  
0.0000


 206.8240, -9.7732,  
8.0474

 178.9380, -9.3364,  
7.9474

 152.6390, -9.1890,  
7.3326

 126.4540, -8.6048,  
6.6178

 101.4540, -8.6048,  
6.6178

 77.2690, -8.0206,  
5.9031

 54.3830, -7.5838,

5.8031

■ 33.1980, -6.9996,  
5.0884

■ 10.6540, -5.2524,  
4.6884

■ 234.8240, -9.7732,  
8.0474

■ 234.8240, -9.7732,  
8.0474

■ 227.3920,  
-17.9413, 14.5652

■ 242.2560, -1.6052,  
1.5295

■ 219.2590,  
-26.2567, 21.6979

■ 249.3630, 2.7790,  
-4.7034

■ 211.8270,  
-34.4247, 28.2157

■ 251.7110, 1.6215,  
-6.7625

■ 203.6940,  
-42.7401, 35.3484

■ 196.2620,  
-50.9082, 41.8662

■ 188.8300,  
-59.0762, 48.3841

■ 180.6970,  
-67.3916, 55.5167

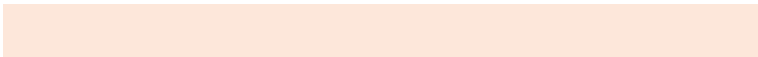
■ 173.2650,  
-75.5596, 62.0346

■ 166.8760,  
-82.2699, 67.6377

# Harmonies

## Analogous

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



236.0960, -8.9213, 14.8248



234.8240, -9.7732, 8.0474



233.5240, -8.1463, -0.4595

# Triad

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



234.8240, -9.7732, 8.0474



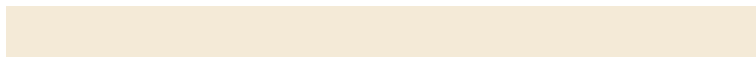
232.0730, 5.8800, -19.3580



237.0920, 3.8986, 9.5663

# Complementary

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



234.8240, -9.7732, 8.0474



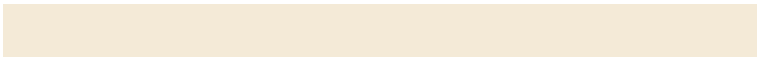
224.1760, 9.7732, -8.0474

# Split Complementary

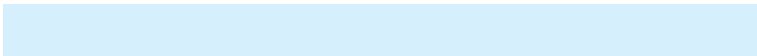
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.3620, 7.7095, 0.5595



234.8240, -9.7732, 8.0474



233.0070, 9.3635, -16.6691

# Square

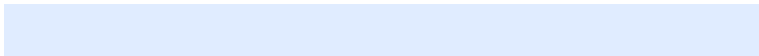
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234.8240, -9.7732, 8.0474



231.8300, 1.0698, -16.5139



234.5780, 10.0680, -9.2769



236.9850, -0.4856, 15.7992

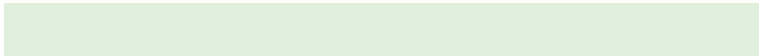


# Rectangle

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



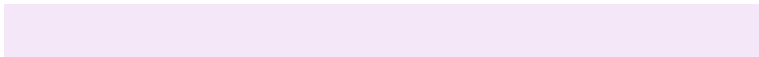
234.8240, -9.7732, 8.0474



232.7620, -5.7987, -6.8073



234.5780, 10.0680, -9.2769



236.8250, 5.5093, 6.2925

# Sweetspot

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



234.8240, -9.7732, 8.0474



251.5120, -3.2104, 3.0590



224.8110, 0.0932, 16.8288



125.4410, -2.1894, 2.2442



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.



234.8240, -9.7732, 8.0474



243.8520, -12.2520, 9.7768



239.4980, -12.0775, 0.4403



118.2840, -4.0840, 3.2589



127.2280, -62.7234, 51.5430



39.9470, -19.6939, 16.7095



# Inverse Universe

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



224.1760, 9.7732, -8.0474



230.7350, 11.9626, -10.2916



219.5020, 12.0775, -0.4403



113.7160, 4.0840, -3.2589



58.7720, 62.7234, -51.5430

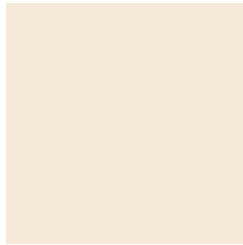


18.4660, 19.9833, -16.1947



# Previews

## White Background



This preview shows how the YUV color 234.8240, -9.7732, 8.0474 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

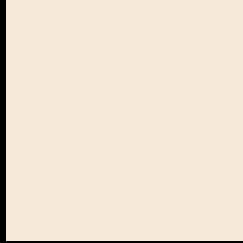
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 234.8240, -9.7732, 8.0474 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

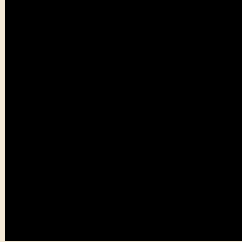
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

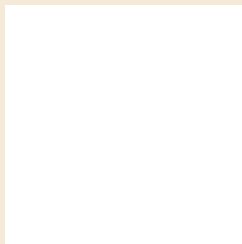
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 234.8240, -9.7732, 8.0474

## Background



This preview shows how black text looks on a background with the YUV color 234.8240, -9.7732, 8.0474.



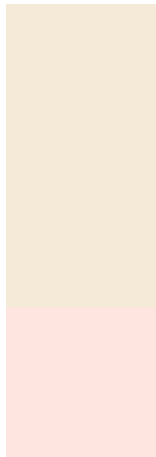
This preview shows how white text looks on a background with the YUV color 234.8240, -9.7732, 8.0474.

8.0474.

# 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

234.8240, -9.7732, 8.0474

### Protanopia

234.8240, -9.7732, 8.0474

### Deuteranopia

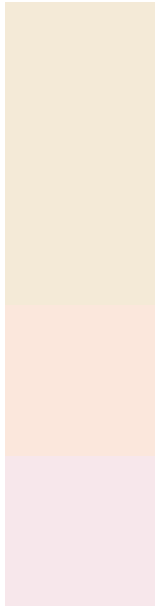
236.0900, -6.4534, 16.5841



## Tritanopia

236.7330, 5.0616, 9.8812

# Trichromacy



## Original Color

234.8240, -9.7732, 8.0474

## Protanomaly

234.8240, -9.7732, 8.0474

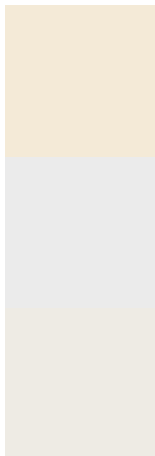
## Deuteranomaly

235.7260, -7.7529, 13.3953

## Tritanomaly

236.2400, -0.6113, 9.4365

# Monochromacy



## Original Color

234.8240, -9.7732, 8.0474

## Achromatopsia

235.0000, 0.0000, 0.0000

## Achromatomaly

235.0990, -3.4998, 2.5442

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 234.8240, -9.7732, 8.0474 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(244, 234, 215)` looks like.

```
.text, #text, p{  
    color:rgb(244, 234, 215)  
}
```

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(244, 234, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 234, 215) }
```

## Border

The CSS property to change the border of an element to YUV 234.8240, -9.7732, 8.0474 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(244, 234, 215) }
```



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

```
.border{ border-color:rgb(244, 234, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 234, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 234, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 234, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 234,  
215) }
```

# Background

The CSS property to change the background color of an element to YUV 234.8240, -9.7732, 8.0474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 234, 215) }
```

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

```
.background{ background-color: rgb(244,  
234, 215) }
```

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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