

# Converting Colors

YUV(234.8660, -6.8359, -0.7595)

Have a look what the booklet for  
YUV(234.8660, -6.8359, -0.7595)  
contains.

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# Color

**YUV(234.8660, -6.8359,  
-0.7595)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAEEDD
RGB	234, 238, 221
RGB Percent	92%, 93%, 87%
CMY	0.0824, 0.0667, 0.1333
CMYK	0.02, 0.00, 0.07, 0.07
HSL	74°, 33%, 90%
HSV	74°, 7%, 93%
XYZ	77.5574, 83.8620, 80.5059
YIQ	234.8660, 3.0730, -6.1350

# Conversions

## Conversions Part 2

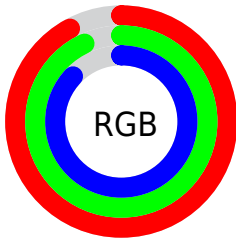
Format	Color
R <sub>Y</sub> B	221, 238, 225
Decimal	15396573
CIE Lab	93.39, -4.28, 7.75
CIE LCh	93, 8.857, 118.897
Yxy	83.8620, 0.3206, 0.3466
Android (android.graphics.Color)	4293586653 (0xFFEAEEDD)
YUV	234.8660, -6.8359, -0.7595
Hunter-Lab	91.5762, -9.0837, 11.9807

# Details

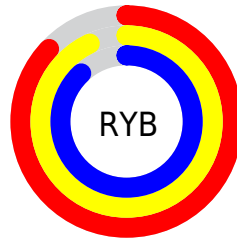
The YUV color  $234.8660, -6.8359, -0.7595$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $224.1340, 6.8359, 0.7595$ , and the grayscale version is  $235.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $178.9800, -6.3991, -0.8595$  is the 20% darker color. If you saturate the color by 10%, you get  $230.3360, -16.4346, -2.0487$ , and if you desaturate by 10%, it is  $239.3960, 2.7628, 0.5297$ .

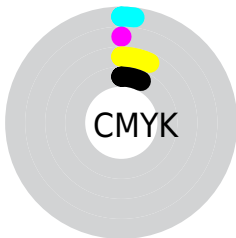
# Distribution



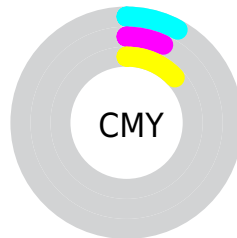
- Red (92%)
- Green (93%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (88%)



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



- Cyan (8%)
- Magenta (7%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 234.8660, -6.8359, -0.7595 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 234.8660, -6.8359, -0.7595 by changing the saturation by 10% instead.



■ 234.8660, -6.8359,  
-0.7595

■ 234.8660, -6.8359,  
-0.7595

255.0000, 0.0000,  
0.0000

■ 206.8660, -6.8359,  
-0.7595

■ 178.9800, -6.3991,  
-0.8595

■ 152.3930, -6.1097,  
-0.3447

■ 126.3930, -6.1097,  
-0.3447

■ 101.5070, -5.6730,  
-0.4446

■ 77.5070, -5.6730,  
-0.4446

■ 54.6210, -5.2362,

-0.5446

■ 33.3220, -5.0887,  
-1.1594

■ 11.1970, -5.5201,  
-2.8038

■ 234.8660, -6.8359,  
-0.7595

■ 234.8660, -6.8359,  
-0.7595

■ 230.3360,  
-16.4346, -2.0487

■ 239.3960, 2.7628,  
0.5297

■ 226.1050,  
-26.1808, -2.7231

■ 242.0310, 6.3937,  
2.6038

■ 221.6890,  
-35.3427, -4.1123

■ 243.8250, 5.5093,  
6.2925

■ 217.4580,  
-45.0888, -4.7867

■ 245.0210, 4.9196,  
8.7516

■ 212.9280,  
-54.6875, -6.0759

■ 208.3980,  
-64.2862, -7.3650

■ 204.1670,  
-74.0323, -8.0395

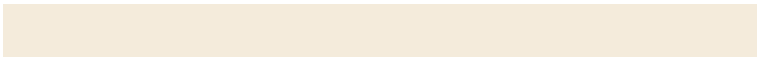
■ 199.7510,  
-83.1942, -9.4286

■ 195.5200,  
-92.9404, -10.1030

# Harmonies

## Analogous

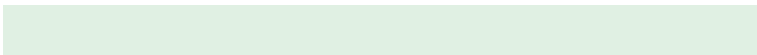
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.8670, -8.3154, 7.1326



234.8660, -6.8359, -0.7595



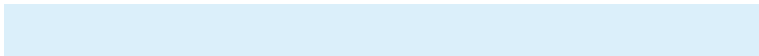
233.7340, -3.3199, -8.5367

# Triad

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



234.8660, -6.8359, -0.7595



234.2740, 7.7529, -13.3953



237.6750, -0.3328, 13.4400

# Complementary

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



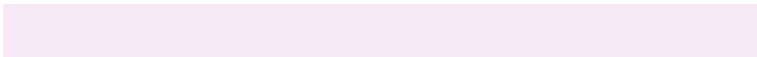
234.8660, -6.8359, -0.7595



224.1340, 6.8359, 0.7595

# Split Complementary

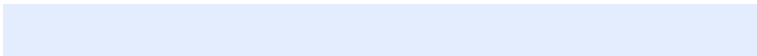
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.9670, 3.4673, 7.9219



234.8660, -6.8359, -0.7595



235.8340, 8.4628, -7.7474

# Square

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



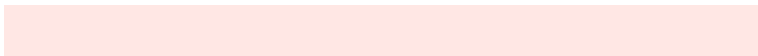
234.8660, -6.8359, -0.7595



233.5680, 5.1430, -16.2841



237.1340, 6.8359, 0.7595



237.8340, -4.8482, 15.0546

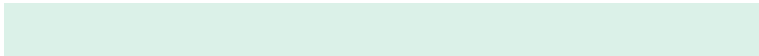


# Rectangle

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



234.8660, -6.8359, -0.7595



233.3960, -0.6882, -12.6253



237.1340, 6.8359, 0.7595



238.3050, 0.8356, 12.0105

# Sweetspot

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



234.8660, -6.8359, -0.7595



254.1310, -2.0366, -0.1149



228.4310, -3.6635, 8.3920



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.



234.8660, -6.8359, -0.7595



250.8830, -9.3093, -0.7744



232.4740, -5.6567, -5.6777



117.7350, -4.7994, -0.6446



149.8680, -73.8849, -8.6542



45.7290, -22.5444, -2.3933



# Inverse Universe

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



224.1340, 6.8359, 0.7595



236.1170, 9.3093, 0.7744



226.5260, 5.6567, 5.6777



110.2650, 4.7994, 0.6446



33.8330, 74.0323, 8.0395

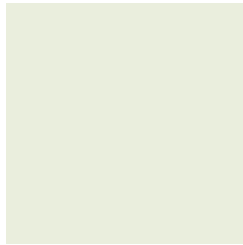


10.2710, 22.5444, 2.3933



# Previews

## White Background



This preview shows how the YUV color 234.8660, -6.8359, -0.7595 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

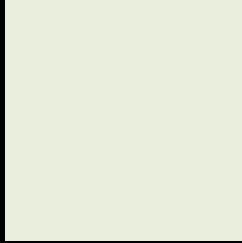
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 234.8660, -6.8359, -0.7595 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

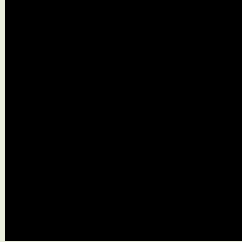
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

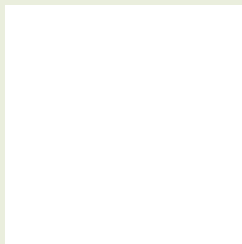
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 234.8660, -6.8359, -0.7595

## Background



This preview shows how black text looks on a background with the YUV color 234.8660, -6.8359, -0.7595.



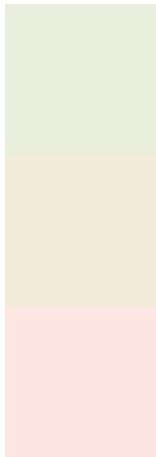
This preview shows how white text looks on a background with the YUV color 234.8660, -6.8359, -0.7595.

-0.7595.

# 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

234.8660, -6.8359, -0.7595

### Protanopia

235.8670, -8.3154, 7.1326

### Deuteranopia

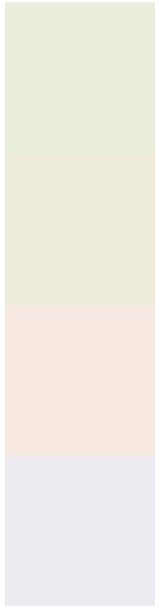
237.1330, -4.9956, 15.6694



## Tritanopia

236.9600, 7.4147, 1.7891

# Trichromacy



## Original Color

234.8660, -6.8359, -0.7595

## Protanomaly

235.3720, -7.5784, 4.0588

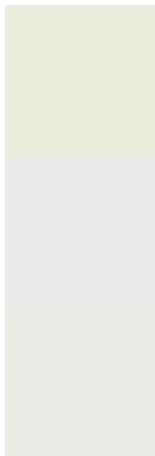
## Deuteranomaly

236.2740, -5.5581, 9.4067

## Tritanomaly

236.2820, 2.3260, 0.6297

# Monochromacy



## Original Color

234.8660, -6.8359, -0.7595

## Achromatopsia

235.0000, 0.0000, 0.0000

## Achromatomaly

235.0170, -2.4734, -0.0149

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 234.8660, -6.8359, -0.7595 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(234, 238, 221)` looks like.

```
.text, #text, p{  
    color:rgb(234, 238, 221)  
}
```

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(234, 238, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 238, 221) }
```

## Border

The CSS property to change the border of an element to YUV 234.8660, -6.8359, -0.7595 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(234, 238, 221) }
```



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

```
.border{ border-color:rgb(234, 238, 221) }
```

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

Here you see how a box with a 4 pixel rgb(234, 238, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 238, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 238, 221);  
box-shadow:4px 4px 4px 4px rgb(234, 238,  
221) }
```

# Background

The CSS property to change the background color of an element to YUV 234.8660, -6.8359, -0.7595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 238, 221) }
```

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

```
.background{ background-color: rgb(234,  
238, 221) }
```

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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