

# Converting Colors

YUV(234.7060, -0.8411,  
-10.2662)

Have a look what the booklet for  
YUV(234.7060, -0.8411, -10.2662)  
contains.

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# Color

**YUV(234.7060, -0.8411,  
-10.2662)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFF1E9
RGB	223, 241, 233
RGB Percent	87%, 95%, 91%
CMY	0.1255, 0.0549, 0.0863
CMYK	0.07, 0.00, 0.03, 0.05
HSL	153°, 39%, 91%
HSV	153°, 7%, 95%
XYZ	76.5947, 84.4818, 89.3604
YIQ	234.7060, -8.1600, -6.3040

# Conversions

## Conversions Part 2

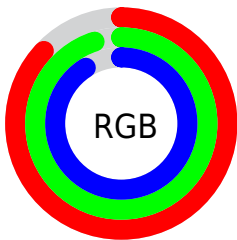
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 235, 241
Decimal	14676457
CIE Lab	93.66, -7.38, 1.82
CIE LCh	94, 7.600, 166.172
Yxy	84.4818, 0.3058, 0.3373
Android (android.graphics.Color)	4292866537 (0xFFDFF1E9)
YUV	234.7060, -0.8411, -10.2662
Hunter-Lab	91.9140, -12.0999, 6.6970

# Details

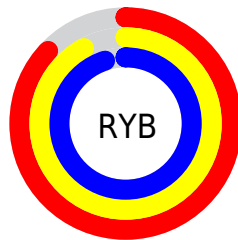
The YUV color  $234.7060, -0.8411, -10.2662$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $229.2940, 0.8411, 10.2662$ , and the grayscale version is  $235.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $179.0050, -0.9885, -9.6514$  is the 20% darker color. If you saturate the color by 10%, you get  $226.2760, -2.1081, -23.9211$ , and if you desaturate by 10%, it is  $243.1360, 0.4260, 3.3887$ .

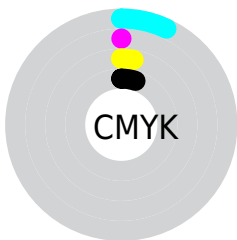
# Distribution



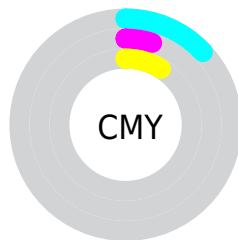
- Red (87%)
- Green (95%)
- Blue (91%)



- Red (87%)
- Yellow (92%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



- Cyan (13%)
- Magenta (5%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 234.7060, -0.8411, -10.2662 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 234.7060, -0.8411, -10.2662 by changing the saturation by 10% instead.



■ 234.7060, -0.8411,  
-10.2662

■ 234.7060, -0.8411,  
-10.2662

255.0000, 0.0000,  
0.0000

■ 206.7060, -0.8411,  
-10.2662

■ 179.0050, -0.9885,  
-9.6514

■ 152.1190, -0.5517,  
-9.7514

■ 126.4180, -0.6991,  
-9.1366

■ 101.4180, -0.6991,  
-9.1366

■ 77.7170, -0.8465,  
-8.5218

■ 54.1300, -0.5571,

-8.0070

■ 33.1300, -0.5571,  
-8.0070

■ 11.0050, -0.9885,  
-9.6514

■ 234.7060, -0.8411,  
-10.2662

■ 234.7060, -0.8411,  
-10.2662

■ 226.2760, -2.1081,  
-23.9211

■ 243.1360, 0.4260,  
3.3887

■ 217.9600, -2.9383,  
-37.6759

■ 246.6680, 3.6147,  
7.3072

■ 209.5300, -4.2053,  
-51.3308

■ 246.7820, 4.0515,  
7.2072

■ 201.1000, -5.4723,  
-64.9857

■ 192.3710, -6.5919,  
-79.2554

■ 184.0550, -7.4221,  
-93.0102

■ 175.6250, -8.6891,  
-106.6651

■ 167.1950, -9.9561,  
-120.3200

■ 158.8790,  
-10.7863, -134.0749

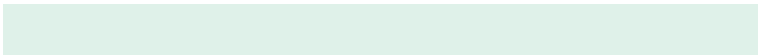
# Harmonies

## Analogous

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



235.4140, -4.6411, -4.7481



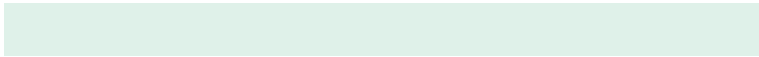
234.7060, -0.8411, -10.2662



234.4220, 3.2430, -13.5251

# Triad

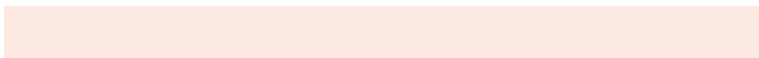
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234.7060, -0.8411, -10.2662



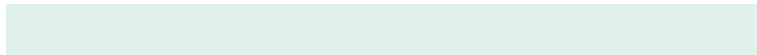
237.1120, 6.8468, -2.7292



237.8830, -5.8583, 12.3806

# Complementary

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



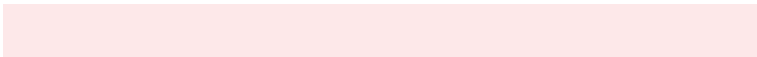
234.7060, -0.8411, -10.2662



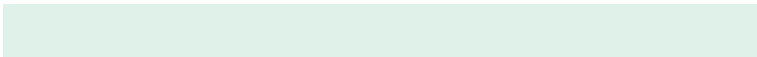
229.2940, 0.8411, 10.2662

# 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.



238.3930, -2.6587, 12.8103



234.7060, -0.8411, -10.2662



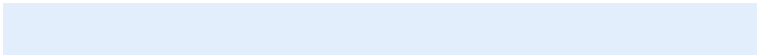
238.1730, 4.3517, 4.2333

# Square

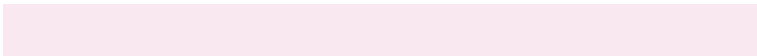
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



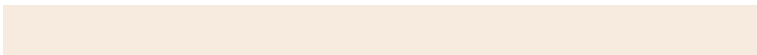
234.7060, -0.8411, -10.2662



235.8940, 7.4473, -8.6770



238.2940, 0.8411, 10.2662



237.2200, -7.0105, 8.5771



# Rectangle

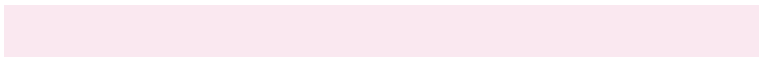
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



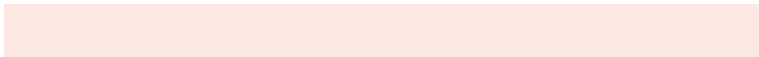
234.7060, -0.8411, -10.2662



234.8780, 4.9901, -13.9250



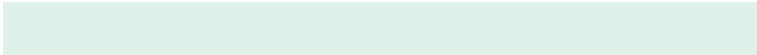
238.2940, 0.8411, 10.2662



238.4100, -5.1321, 12.7954

# Sweetspot

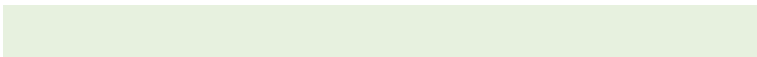
The Sweet Spot groups the original color and five complimentary colors.



234.7060, -0.8411, -10.2662



253.2770, -0.1366, -2.8739



235.9580, -6.3883, -4.3482



126.8750, -0.4314, -1.6444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

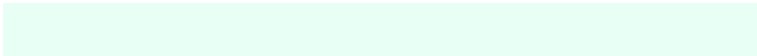


# Same Dimension

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



234.7060, -0.8411, -10.2662



246.9830, -0.9776, -13.1401



235.0310, 2.9427, -10.5512



115.8420, -0.4151, -6.8774



119.6360, -8.6945, -104.9208



36.4060, -2.6652, -31.9281



# Inverse Universe

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



229.2940, 0.8411, 10.2662



240.0170, 0.9776, 13.1401



228.9690, -2.9427, 10.5512



112.1580, 0.4151, 6.8774



64.3640, 8.6945, 104.9208

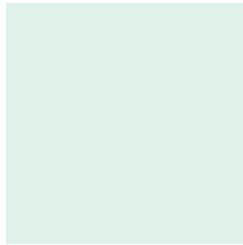


19.5940, 2.6652, 31.9281



# Previews

## White Background



This preview shows how the YUV color 234.7060, -0.8411, -10.2662 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

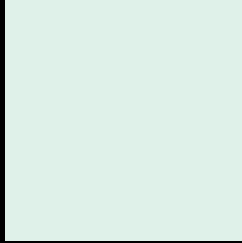
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 234.7060, -0.8411, -10.2662 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

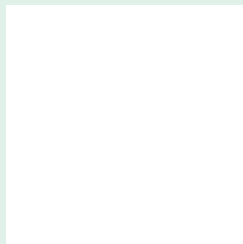
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 234.7060, -0.8411, -10.2662

## Background



This preview shows how black text looks on a background with the YUV color 234.7060, -0.8411, -10.2662.



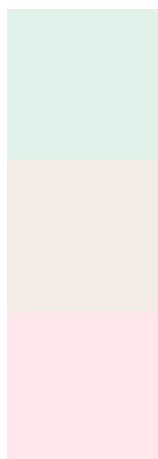
This preview shows how white text looks on a background with the YUV color 234.7060, -0.8411, -10.2662.

-10.2662.

# 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

234.7060, -0.8411, -10.2662

### Protanopia

236.5230, -3.2158, 4.8033

### Deuteranopia

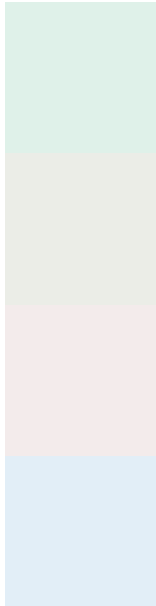
238.7460, -1.3538, 14.2548



## Tritanopia

236.3610, 9.1890, -7.3326

# Trichromacy



## Original Color

234.7060, -0.8411, -10.2662

## Protanomaly

235.7180, -2.3260, -0.6297

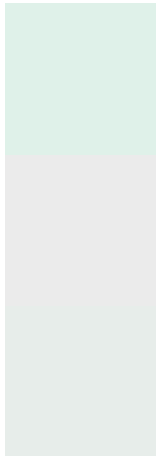
## Deuteranomaly

237.3920, -1.1793, 4.9182

## Tritanomaly

235.4380, 5.7001, -8.2771

# Monochromacy



## Original Color

234.7060, -0.8411, -10.2662

## Achromatopsia

235.0000, 0.0000, 0.0000

## Achromatomaly

234.8640, -0.4260, -3.3887

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 234.7060, -0.8411, -10.2662 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(223, 241, 233)` looks like.

```
.text, #text, p{  
    color:rgb(223, 241, 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(223, 241, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 241, 233) }
```

## Border

The CSS property to change the border of an element to YUV 234.7060, -0.8411, -10.2662 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(223, 241, 233) }
```



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

```
.border{ border-color:rgb(223, 241, 233) }
```

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

Here you see how a box with a 4 pixel rgb(223, 241, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 241, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 241, 233);  
box-shadow:4px 4px 4px 4px rgb(223, 241,  
233) }
```

# Background

The CSS property to change the background color of an element to YUV 234.7060, -0.8411, -10.2662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 241, 233) }
```

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

```
.background{ background-color: rgb(223,  
241, 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](#).

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