

# Converting Colors

YUV(234.3960, -0.6882,  
-12.6253)

Have a look what the booklet for  
YUV(234.3960, -0.6882, -12.6253)  
contains.

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# Color

**YUV(234.3960, -0.6882,  
-12.6253)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCF2E9
RGB	220, 242, 233
RGB Percent	86%, 95%, 91%
CMY	0.1373, 0.0510, 0.0863
CMYK	0.09, 0.00, 0.04, 0.05
HSL	155°, 46%, 91%
HSV	155°, 9%, 95%
XYZ	75.9753, 84.6031, 89.4165
YIQ	234.3960, -10.2230, -7.4630

# Conversions

## Conversions Part 2

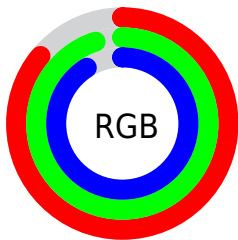
Format	Color
R <sub>Y</sub> B	220, 234, 242
Decimal	14480105
CIE Lab	93.71, -8.86, 1.87
CIE LCh	94, 9.058, 168.101
Yxy	84.6031, 0.3039, 0.3384
Android (android.graphics.Color)	4292670185 (0xFFDC F2E9)
YUV	234.3960, -0.6882, -12.6253
Hunter-Lab	91.9799, -13.5241, 6.7483

# Details

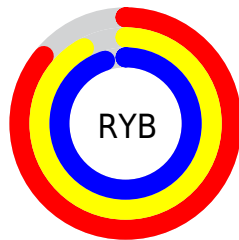
The YUV color  $234.3960, -0.6882, -12.6253$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $227.6040, 0.6882, 12.6253$ , and the grayscale version is  $234.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $178.6950, -0.8356, -12.0105$  is the 20% darker color. If you saturate the color by 10%, you get  $226.0800, -1.5184, -26.3802$ , and if you desaturate by 10%, it is  $242.7120, 0.1420, 1.1296$ .

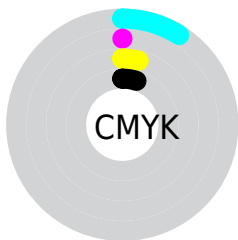
# Distribution



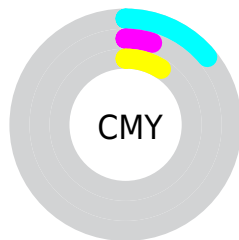
- Red (86%)
- Green (95%)
- Blue (91%)



- Red (86%)
- Yellow (92%)
- Blue (95%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (14%)
- Magenta (5%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 234.3960, -0.6882, -12.6253 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 234.3960, -0.6882, -12.6253 by changing the saturation by 10% instead.



■ 234.3960, -0.6882,  
-12.6253

■ 234.3960, -0.6882,  
-12.6253

255.0000, 0.0000,  
0.0000

■ 206.3960, -0.6882,  
-12.6253

■ 178.6950, -0.8356,  
-12.0105

■ 152.1080, -0.5462,  
-11.4957

■ 126.1080, -0.5462,  
-11.4957

■ 101.1080, -0.5462,  
-11.4957

■ 76.8200, -0.4043,  
-10.3661

■ 53.8200, -0.4043,

-10.3661

■ 32.2330, -0.1149,  
-9.8513

■ 11.5920, -1.2779,  
-10.1662

■ 234.3960, -0.6882,  
-12.6253

■ 234.3960, -0.6882,  
-12.6253

■ 226.0800, -1.5184,  
-26.3802

■ 242.7120, 0.1420,  
1.1296

■ 217.7640, -2.3487,  
-40.1350

■ 247.1410, 2.8885,  
6.8923

■ 209.1490, -3.0315,  
-54.5047

■ 247.3690, 3.7621,  
6.6924

■ 200.8330, -3.8617,  
-68.2595

■ 192.5170, -4.6919,  
-82.0144

■ 184.3150, -5.0853,  
-95.8693

■ 175.9990, -5.9155,  
-109.6241

■ 167.3840, -6.5983,  
-123.9938

■ 159.0680, -7.4285,  
-137.7486

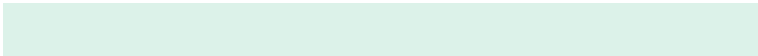
# Harmonies

## Analogous

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



234.7020, -4.7831, -5.8777



234.3960, -0.6882, -12.6253



234.2260, 3.8326, -15.9842

# Triad

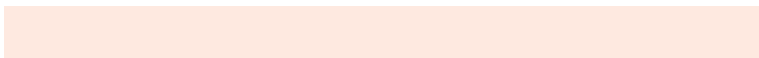
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234.3960, -0.6882, -12.6253



237.6390, 7.5730, -2.3144



238.2530, -7.0267, 13.8101

# Complementary

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



234.3960, -0.6882, -12.6253



227.6040, 0.6882, 12.6253

# 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.



238.2900, -3.1010, 14.6547



234.3960, -0.6882, -12.6253



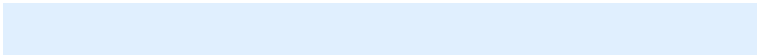
238.4120, 5.2199, 5.7777

# Square

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



234.3960, -0.6882, -12.6253



236.2250, 8.7631, -10.7213



238.7180, 1.1250, 12.5253



237.1770, -8.4683, 9.4918

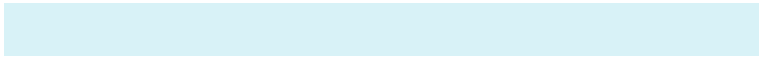


# Rectangle

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



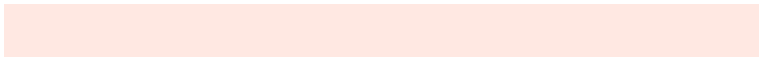
234.3960, -0.6882, -12.6253



234.7960, 6.0166, -16.4841



238.7180, 1.1250, 12.5253



238.1930, -6.0111, 14.7397

# Sweetspot

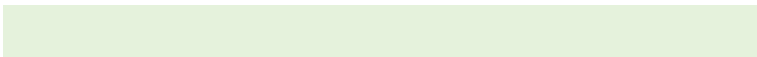
The Sweet Spot groups the original color and five complimentary colors.



234.3960, -0.6882, -12.6253



252.2660, -0.1311, -4.6183



235.6050, -7.6933, -5.7926



125.8640, -0.4260, -3.3887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

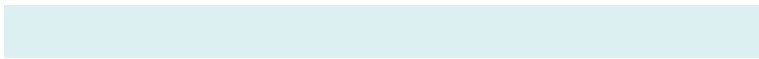
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234.3960, -0.6882, -12.6253



245.3740, -0.6774, -16.1140



234.2480, 3.8217, -12.4955



115.8420, -0.4151, -6.8774



120.3200, -6.0738, -105.5206



36.6340, -1.7916, -32.1280



# Inverse Universe

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



227.6040, 0.6882, 12.6253



236.6260, 0.6774, 16.1140



227.7520, -3.8217, 12.4955



112.1580, 0.4151, 6.8774



63.5660, 5.6370, 105.6206

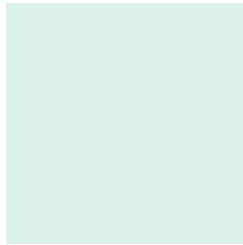


19.3660, 1.7916, 32.1280



# Previews

## White Background



This preview shows how the YUV color 234.3960, -0.6882, -12.6253 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

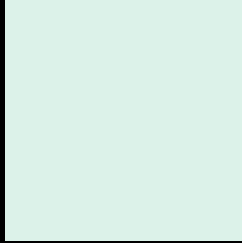
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 234.3960, -0.6882, -12.6253 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

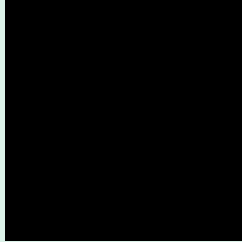
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

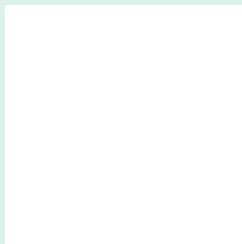
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 234.3960, -0.6882, -12.6253

## Background



This preview shows how black text looks on a background with the YUV color 234.3960, -0.6882, -12.6253.



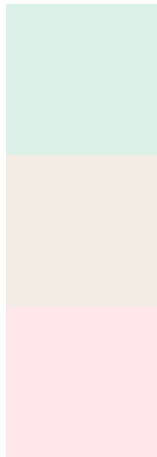
This preview shows how white text looks on a background with the YUV color 234.3960, -0.6882, -12.6253.

-12.6253.

# 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

234.3960, -0.6882, -12.6253

### Protanopia

236.9960, -3.9420, 4.3885

### Deuteranopia

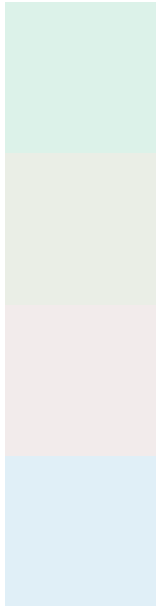
238.7460, -1.3538, 14.2548



## Tritanopia

236.3500, 9.1945, -9.0769

# Trichromacy



## Original Color

234.3960, -0.6882, -12.6253

## Protanomaly

235.8920, -2.9048, -1.6593

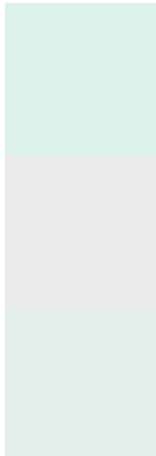
## Deuteranomaly

237.0930, -1.0318, 4.3034

## Tritanomaly

235.4270, 5.7055, -10.0215

# Monochromacy



## Original Color

234.3960, -0.6882, -12.6253

## Achromatopsia

234.0000, 0.0000, 0.0000

## Achromatomaly

234.2660, -0.1311, -4.6183

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 234.3960, -0.6882, -12.6253 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(220, 242, 233)` looks like.

```
.text, #text, p{  
    color:rgb(220, 242, 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(220, 242, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 242, 233) }
```

## Border

The CSS property to change the border of an element to YUV 234.3960, -0.6882, -12.6253 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(220, 242, 233) }
```



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

```
.border{ border-color:rgb(220, 242, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 242, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 242, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 242, 233);  
box-shadow:4px 4px 4px 4px rgb(220, 242,  
233) }
```

# Background

The CSS property to change the background color of an element to YUV 234.3960, -0.6882, -12.6253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 242, 233) }
```

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

```
.background{ background-color: rgb(220,  
242, 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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