

# Converting Colors

YUV(234.3630, -0.6720,  
-17.8584)

Have a look what the booklet for  
YUV(234.3630, -0.6720, -17.8584)  
contains.

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# Color

**YUV(234.3630, -0.6720,  
-17.8584)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6F5E9
RGB	214, 245, 233
RGB Percent	84%, 96%, 91%
CMY	0.1608, 0.0392, 0.0863
CMYK	0.13, 0.00, 0.05, 0.04
HSL	157°, 61%, 90%
HSV	157°, 13%, 96%
XYZ	75.0919, 85.4841, 89.6331
YIQ	234.3630, -14.6240, -10.3040

# Conversions

## Conversions Part 2

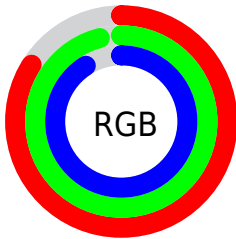
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 233, 245
Decimal	14087657
CIE <sub>Lab</sub>	94.09, -12.31, 2.37
CIE <sub>LCh</sub>	94, 12.531, 169.094
Yxy	85.4841, 0.3001, 0.3417
Android (android.graphics.Color)	4292277737 (0xFFD6F5E9)
YUV	234.3630, -0.6720, -17.8584
Hunter-Lab	92.4576, -16.8273, 7.2416

# Details

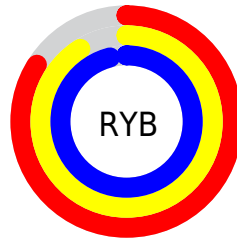
The YUV color  $234.3630, -0.6720, -17.8584$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $224.6370, 0.6720, 17.8584$ , and the grayscale version is  $234.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $178.6620, -0.8194, -17.2436$  is the 20% darker color. If you saturate the color by 10%, you get  $226.1610, -1.0654, -31.7132$ , and if you desaturate by 10%, it is  $242.8640, -0.4260, -3.3887$ .

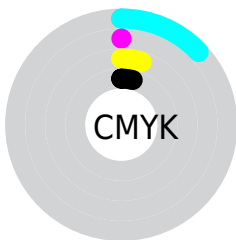
# Distribution



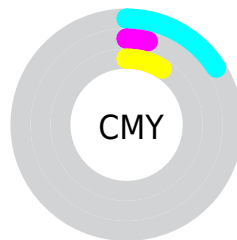
- Red (84%)
- Green (96%)
- Blue (91%)



- Red (84%)
- Yellow (91%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 234.3630, -0.6720, -17.8584 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 234.3630, -0.6720, -17.8584 by changing the saturation by 10% instead.



■ 234.3630, -0.6720,  
-17.8584

■ 234.3630, -0.6720,  
-17.8584

255.0000, 0.0000,  
0.0000

■ 206.3630, -0.6720,  
-17.8584

■ 178.6620, -0.8194,  
-17.2436

■ 152.0750, -0.5300,  
-16.7288

■ 125.4880, -0.2406,  
-16.2140

■ 100.7870, -0.3880,  
-15.5992

■ 76.7870, -0.3880,  
-15.5992

■ 53.4990, -0.2460,

-14.4696

■ 31.6130, 0.1908,  
-14.5696

■ 13.3530, -2.1460,  
-11.7106

■ 234.3630, -0.6720,  
-17.8584

■ 234.3630, -0.6720,  
-17.8584

■ 226.1610, -1.0654,  
-31.7132

■ 242.8640, -0.4260,  
-3.3887

■ 217.5460, -1.7482,  
-46.0828

■ 248.7880, 1.5835,  
5.4479

■ 209.3440, -2.1416,  
-59.9377

■ 249.1300, 2.8939,  
5.1480

■ 200.7290, -2.8244,  
-74.3073

■ 192.5270, -3.2178,  
-88.1622

■ 183.9120, -3.9006,  
-102.5318

■ 175.4110, -4.1466,  
-117.0014

■ 167.0950, -4.9768,  
-130.7563

■ 160.9150, -5.3811,  
-141.1225

# Harmonies

## Analogous

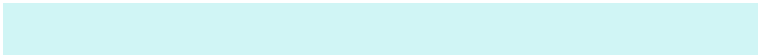
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.5230, -6.6668, -8.3517



234.3630, -0.6720, -17.8584



233.9370, 5.4541, -22.7467

# Triad

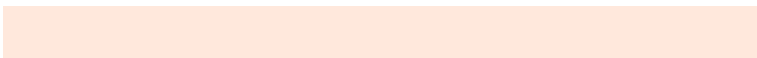
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234.3630, -0.6720, -17.8584



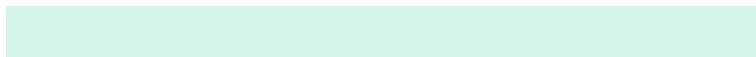
237.8670, 8.4466, -2.5144



237.5090, -8.6319, 15.3396

# Complementary

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



234.3630, -0.6720, -17.8584



224.6370, 0.6720, 17.8584

# 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.



237.5890, -3.2484, 15.2694



234.3630, -0.6720, -17.8584



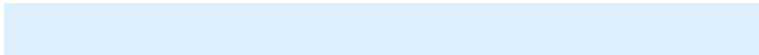
240.4770, 6.6668, 8.3517

# Square

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



234.3630, -0.6720, -17.8584



235.7300, 9.5001, -13.7952



238.9570, 1.9932, 14.0697



238.6890, -11.6787, 12.5507

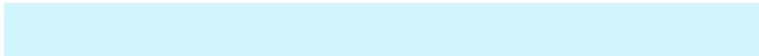


# Rectangle

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



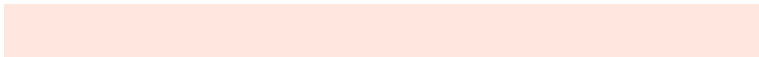
234.3630, -0.6720, -17.8584



234.5610, 9.0904, -22.4170



238.9570, 1.9932, 14.0697



237.2640, -7.0322, 15.5545

# Sweetspot

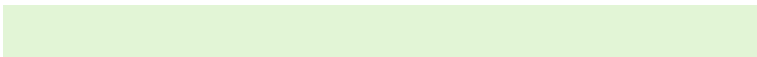
The Sweet Spot groups the original color and five complimentary colors.



234.3630, -0.6720, -17.8584



251.5540, -0.2731, -5.7479



235.7850, -10.7400, -8.5814



125.5650, -0.2785, -4.0035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

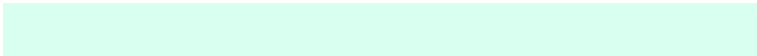


# Same Dimension

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



234.3630, -0.6720, -17.8584



241.9280, -0.9505, -21.8619



233.9700, 5.4378, -17.5137



117.9560, 0.0217, -6.9774



122.1780, -4.0318, -107.1501



38.7370, -1.3493, -33.9723



# Inverse Universe

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



224.6370, 0.6720, 17.8584



230.0720, 0.9505, 21.8619



225.0300, -5.4378, 17.5137



114.1580, 0.4151, 6.8774



63.8220, 4.0318, 107.1501

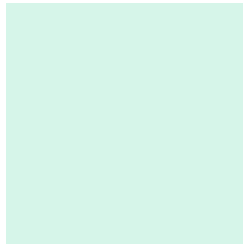


20.2630, 1.3493, 33.9723



# Previews

## White Background



This preview shows how the YUV color 234.3630, -0.6720, -17.8584 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

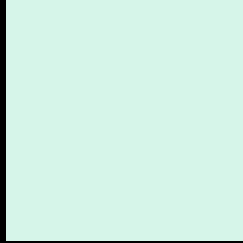
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 234.3630, -0.6720, -17.8584 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

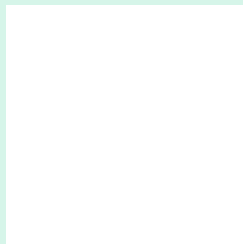
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 234.3630, -0.6720, -17.8584

## Background



This preview shows how black text looks on a background with the YUV color 234.3630, -0.6720, -17.8584.



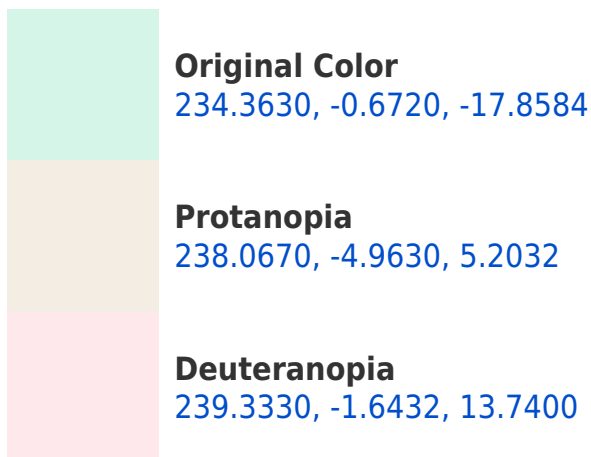
This preview shows how white text looks on a background with the YUV color 234.3630, -0.6720, -17.8584.

-17.8584.

# 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

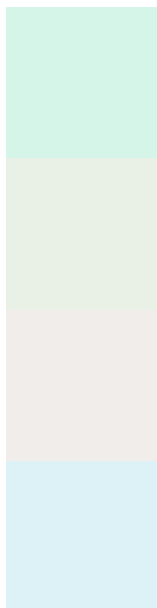




## Tritanopia

236.6270, 9.0579, -11.9509

# Trichromacy



## Original Color

234.3630, -0.6720, -17.8584

## Protanomaly

236.7670, -3.3361, -3.3037

## Deuteranomaly

237.6690, -1.3158, 2.0443

## Tritanomaly

235.9920, 5.4269, -14.0250

# Monochromacy



## Original Color

234.3630, -0.6720, -17.8584

## Achromatopsia

234.0000, 0.0000, 0.0000

## Achromatomaly

234.2550, -0.1257, -6.3626

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 234.3630, -0.6720, -17.8584 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(214, 245, 233)` looks like.

```
.text, #text, p{  
    color:rgb(214, 245, 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(214, 245, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 245, 233) }
```

## Border

The CSS property to change the border of an element to YUV 234.3630, -0.6720, -17.8584 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(214, 245, 233) }
```



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

```
.border{ border-color:rgb(214, 245, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 245, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 245, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 245, 233);  
box-shadow:4px 4px 4px 4px rgb(214, 245,  
233) }
```

# Background

The CSS property to change the background color of an element to YUV 234.3630, -0.6720, -17.8584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 245, 233) }
```

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

```
.background{ background-color: rgb(214,  
245, 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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