

# Converting Colors

YUV(230.6830, -16.1127,  
-12.0000)

Have a look what the booklet for  
YUV(230.6830, -16.1127, -12.0000)  
contains.

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# Color

**YUV(230.6830, -16.1127,  
-12.0000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9F4C6
RGB	217, 244, 198
RGB Percent	85%, 96%, 78%
CMY	0.1490, 0.0431, 0.2235
CMYK	0.11, 0.00, 0.19, 0.04
HSL	95°, 68%, 87%
HSV	95°, 19%, 96%
XYZ	71.1590, 83.5303, 65.7986
YIQ	230.6830, -1.3260, -20.0300

# Conversions

## Conversions Part 2

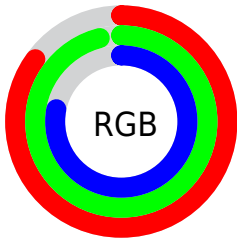
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 244, 225
Decimal	14283974
CIELab	93.25, -16.88, 19.27
CIElCh	93, 25.613, 131.217
Yxy	83.5303, 0.3227, 0.3788
Android (android.graphics.Color)	4292474054 (0xFFD9F4C6)
YUV	230.6830, -16.1127, -12.0000
Hunter-Lab	91.3949, -20.9631, 21.2914

# Details

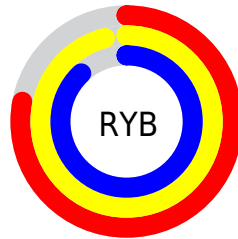
The YUV color **230.6830, -16.1127, -12.0000** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **211.3170, 16.1127, 12.0000**, and the grayscale version is **231.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **175.2100, -15.3865, -11.5852** is the 20% darker color. If you saturate the color by 10%, you get **223.7610, -24.5322, -18.2074**, and if you desaturate by 10%, it is **237.6050, -7.6933, -5.7926**.

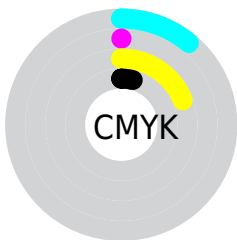
# Distribution



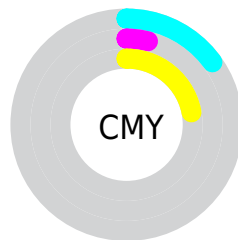
- Red (85%)
- Green (96%)
- Blue (78%)



- Red (78%)
- Yellow (96%)
- Blue (88%)



- Cyan (11%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)



- Cyan (15%)
- Magenta (4%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 230.6830, -16.1127, -12.0000 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 230.6830, -16.1127, -12.0000 by changing the saturation by 10% instead.



■ 230.6830,  
-16.1127, -12.0000

■ 230.6830,  
-16.1127, -12.0000

255.0000, 0.0000,  
0.0000

■ 202.7970,  
-15.6759, -12.1000

■ 175.2100,  
-15.3865, -11.5852

■ 148.3240,  
-14.9497, -11.6851

■ 122.1500,  
-14.3710, -10.6556

■ 97.3780, -13.4974,  
-10.8555

■ 73.4920, -13.0606,  
-10.9555

■ 50.0190, -12.3344,

-10.5407

■ 28.2750, -13.9396,  
-9.0112

■ 11.1530, -5.4984,  
-9.7812

■ 230.6830,  
-16.1127, -12.0000

■ 230.6830,  
-16.1127, -12.0000

■ 223.7610,  
-24.5322, -18.2074

■ 237.6050, -7.6933,  
-5.7926

■ 216.4260,  
-33.2410, -24.9296

■ 244.9400, 1.0156,  
0.9296

■ 209.5040,  
-41.6605, -31.1370

■ 248.5430, 3.1833,  
5.6628

■ 202.4680,  
-50.5167, -37.2444

■ 195.2470,  
-58.7888, -44.0666

■ 188.3250,  
-67.2082, -50.2740

■ 181.2890,  
-76.0645, -56.3815

■ 174.0680,  
-84.3365, -63.2036

■ 173.4270,  
-85.4995, -63.5185

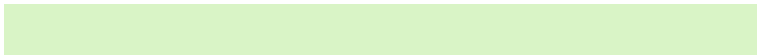
# Harmonies

## Analogous

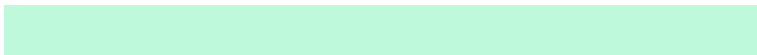
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.6920, -23.0192, 9.9171



230.6830, -16.1127, -12.0000



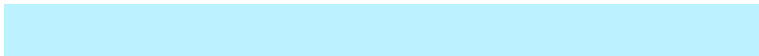
227.9390, -4.4069, -33.2725

# Triad

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



230.6830, -16.1127, -12.0000



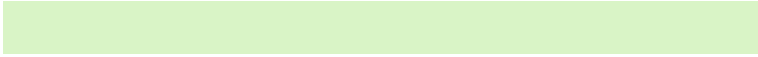
227.3360, 13.6384, -34.4977



230.0890, -1.5229, 21.8469

# Complementary

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



230.6830, -16.1127, -12.0000



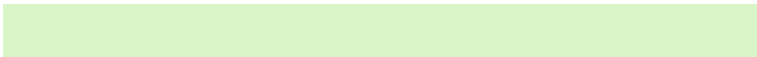
211.3170, 16.1127, 12.0000

# Split Complementary

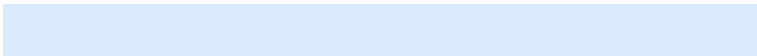
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.1130, 8.8183, 18.3179



230.6830, -16.1127, -12.0000



232.4960, 11.0945, -11.8360

# Square

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



230.6830, -16.1127, -12.0000



225.1770, 14.7027, -49.2672



236.7810, 8.9820, 12.4701

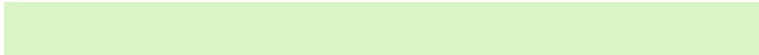


229.8150, -12.7268, 22.0872

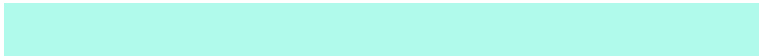


# Rectangle

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



230.6830, -16.1127, -12.0000



226.2780, 4.7929, -44.0938



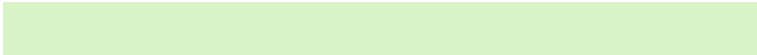
236.7810, 8.9820, 12.4701



231.0010, 1.9715, 21.0471

# Sweetspot

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



230.6830, -16.1127, -12.0000



250.5990, -5.2253, -4.0333



227.6030, -14.5943, 14.3802



125.1800, -3.0467, -2.7889



0.0000, 0.0000, 0.0000

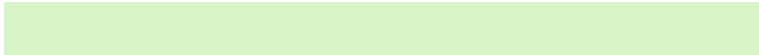


128.0000, 0.0000, 0.0000

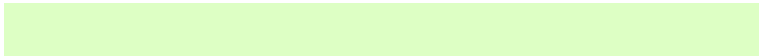


# Same Dimension

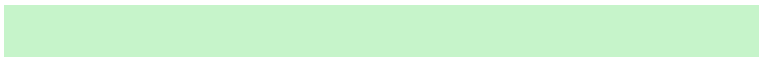
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.6830, -16.1127, -12.0000



238.1080, -20.7592, -15.0037



225.4580, -11.5648, -24.0807



118.5390, -4.2097, -3.1037



132.2050, -65.1771, -48.4148



41.8090, -20.6118, -15.6185



# Inverse Universe

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



211.3170, 16.1127, 12.0000



213.1910, 20.6118, 15.6185



216.5420, 11.5648, 24.0807



113.4610, 4.2097, 3.1037



53.7950, 65.1771, 48.4148

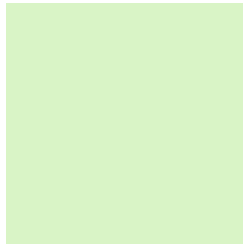


16.8920, 20.7592, 15.0037



# Previews

## White Background



This preview shows how the YUV color 230.6830, -16.1127, -12.0000 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 230.6830, -16.1127, -12.0000 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

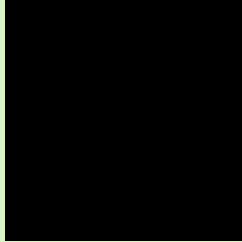
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

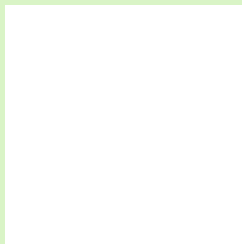
Any Text WCAG AAA ✓ Pass

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

# YUV 230.6830, -16.1127, -12.0000 Background



This preview shows how black text looks on a background with the YUV color 230.6830, -16.1127, -12.0000.



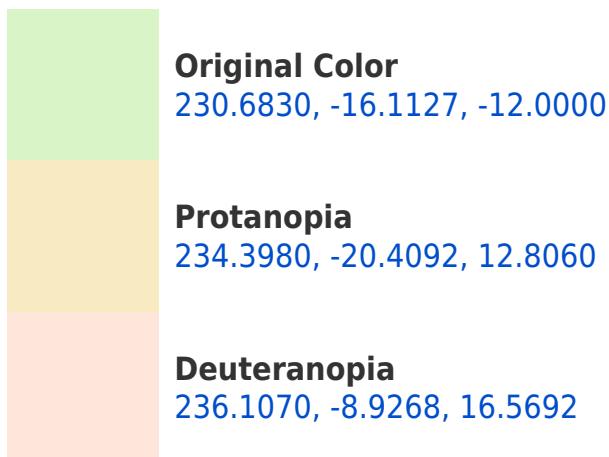
This preview shows how white text looks on a background with the YUV color 230.6830, -16.1127, -12.0000.

-12.0000.

# 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

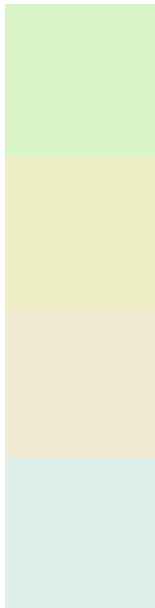




## Tritanopia

235.1760, 9.7732, -8.0474

# Trichromacy



## Original Color

230.6830, -16.1127, -12.0000

## Protanomaly

232.7990, -18.6349, 3.6843

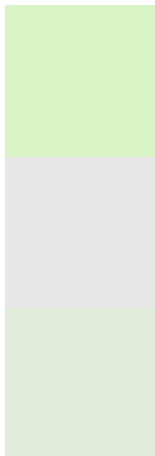
## Deuteranomaly

234.0580, -11.3676, 6.0881

## Tritanomaly

233.6460, 0.1745, -9.3365

# Monochromacy



## Original Color

230.6830, -16.1127, -12.0000

## Achromatopsia

231.0000, 0.0000, 0.0000

## Achromatomaly

231.0720, -5.9515, -4.4481

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 230.6830, -16.1127, -12.0000 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(217, 244, 198)` looks like.

```
.text, #text, p{  
    color:rgb(217, 244, 198)  
}
```

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(217, 244, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 244, 198) }
```

## Border

The CSS property to change the border of an element to YUV 230.6830, -16.1127, -12.0000 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(217, 244, 198) }
```



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

```
.border{ border-color:rgb(217, 244, 198) }
```

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

Here you see how a box with a 4 pixel rgb(217, 244, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 244, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 244, 198);  
box-shadow:4px 4px 4px 4px rgb(217, 244,  
198) }
```

# Background

The CSS property to change the background color of an element to YUV 230.6830, -16.1127, -12.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 244, 198) }
```

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

```
.background{ background-color: rgb(217,  
244, 198) }
```

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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