

Converting Colors

YUV(230.0630, -15.8071,
-16.7183)

Have a look what the booklet for
YUV(230.0630, -15.8071, -16.7183)
contains.

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Color

**YUV(230.0630, -15.8071,
-16.7183)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F6C6
RGB	211, 246, 198
RGB Percent	83%, 96%, 78%
CMY	0.1725, 0.0353, 0.2235
CMYK	0.14, 0.00, 0.20, 0.04
HSL	104°, 73%, 87%
HSV	104°, 20%, 96%
XYZ	70.0128, 83.8376, 65.9183
YIQ	230.0630, -5.4520, -22.3480

Conversions

Conversions Part 2

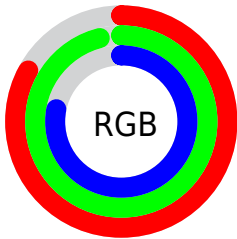
Format	Color
RYB	198, 246, 233
Decimal	13891270
CIELab	93.38, -19.90, 19.39
CIELCh	93, 27.791, 135.743
Yxy	83.8376, 0.3186, 0.3815
Android (android.graphics.Color)	4292081350 (0xFFD3F6C6)
YUV	230.0630, -15.8071, -16.7183
Hunter-Lab	91.5629, -23.7466, 21.4097

Details

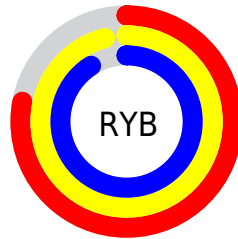
The YUV color **230.0630, -15.8071, -16.7183** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **213.9370, 15.8071, 16.7183**, and the grayscale version is **230.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **174.5900, -15.0809, -16.3034** is the 20% darker color. If you saturate the color by 10%, you get **221.8310, -24.0737, -25.2848**, and if you desaturate by 10%, it is **238.2950, -7.5404, -8.1517**.

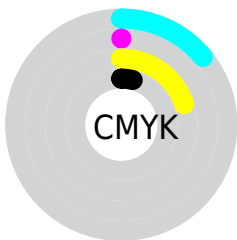
Distribution



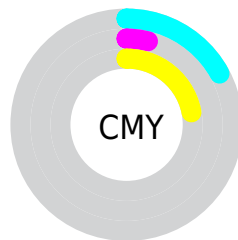
- Red (83%)
- Green (96%)
- Blue (78%)



- Red (78%)
- Yellow (96%)
- Blue (91%)



- Cyan (14%)
- Magenta (0%)
- Yellow (20%)
- Black (4%)



- Cyan (17%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.0630, -15.8071, -16.7183 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 230.0630, -15.8071, -16.7183 by changing the saturation by 10% instead.

■ 230.0630,
-15.8071, -16.7183

■ 230.0630,
-15.8071, -16.7183

255.0000, 0.0000,
0.0000

■ 201.5900,
-15.0809, -16.3034

■ 174.5900,
-15.0809, -16.3034

■ 147.4160,
-14.5021, -15.2738

■ 121.5300,
-14.0653, -15.3738

■ 96.7580, -13.1917,
-15.5738

■ 72.5840, -12.6129,
-14.5442

■ 49.6980, -12.1761,

-14.6441

■ 27.0680, -13.3445,
-13.2146

■ 11.7400, -5.7878,
-10.2960

■ 230.0630,
-15.8071, -16.7183

■ 230.0630,
-15.8071, -16.7183

■ 221.8310,
-24.0737, -25.2848

■ 238.2950, -7.5404,
-8.1517

■ 213.7130,
-31.9035, -33.9513

■ 246.4130, 0.2894,
0.5148

■ 205.4810,
-40.1701, -42.5178

■ 249.7170, 2.6045,
4.6332

■ 197.3630,
-48.0000, -51.1844

■ 189.1310,
-56.2666, -59.7509

■ 180.8990,
-64.5332, -68.3174

■ 172.7810,
-72.3630, -76.9839

■ 164.5490,
-80.6297, -85.5505

■ 164.4350,
-81.0665, -85.4505

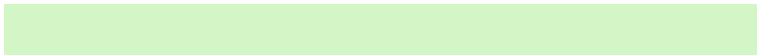
Harmonies

Analogous

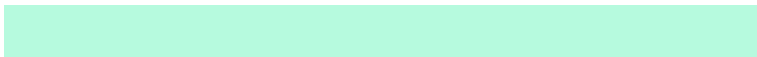
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.6270, -24.4661, 7.3431



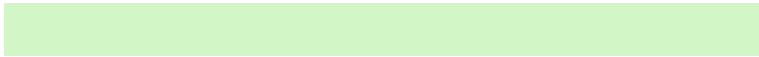
230.0630, -15.8071, -16.7183



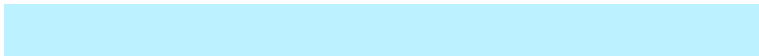
226.4760, -2.2067, -39.0055

Triad

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



230.0630, -15.8071, -16.7183



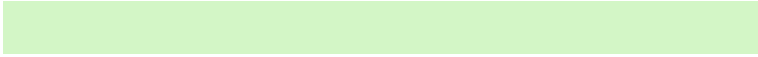
227.3360, 13.6384, -34.4977



229.0460, -2.9807, 22.7617

Complementary

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



230.0630, -15.8071, -16.7183



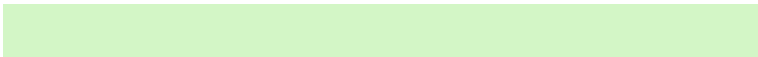
213.9370, 15.8071, 16.7183

Split Complementary

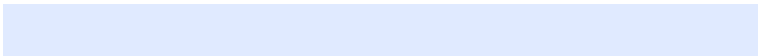
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.7110, 8.5235, 19.5475



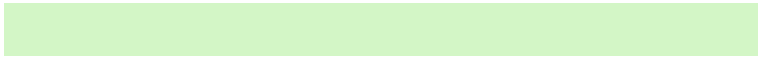
230.0630, -15.8071, -16.7183



233.4040, 10.6468, -8.2473

Square

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



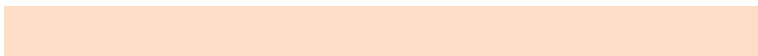
230.0630, -15.8071, -16.7183



224.2690, 15.1504, -52.8559



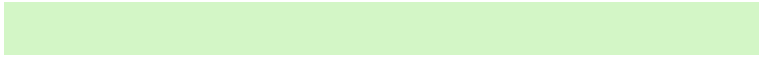
237.3900, 8.6817, 15.4440



229.2450, -14.9108, 22.5871

Rectangle

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



230.0630, -15.8071, -16.7183



224.9290, 7.4300, -49.9267



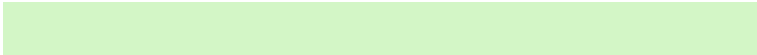
237.3900, 8.6817, 15.4440



230.0720, 0.9505, 21.8619

Sweetspot

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



230.0630, -15.8071, -16.7183



250.0010, -4.9305, -5.2629



232.3100, -16.9148, 12.0061



124.8810, -2.8993, -3.4036



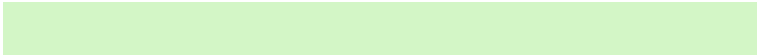
0.0000, 0.0000, 0.0000



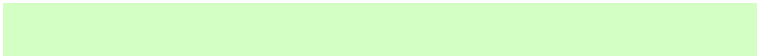
128.0000, 0.0000, 0.0000

Same Dimension

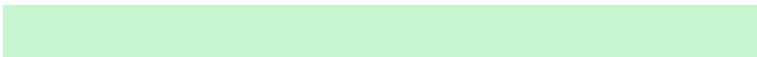
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.0630, -15.8071, -16.7183



235.4170, -19.4326, -20.5367



227.3160, -9.5228, -25.7101



117.9410, -3.9149, -4.3333



124.1320, -61.1971, -65.0138



39.4170, -19.4326, -20.5367

Inverse Universe

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



213.9370, 15.8071, 16.7183



215.5830, 19.4326, 20.5367



216.6840, 9.5228, 25.7101



114.0590, 3.9149, 4.3333



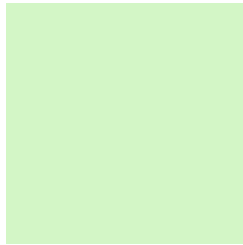
61.8680, 61.1971, 65.0138



19.5830, 19.4326, 20.5367

Previews

White Background



This preview shows how the YUV color 230.0630, -15.8071, -16.7183 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 230.0630, -15.8071, -16.7183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

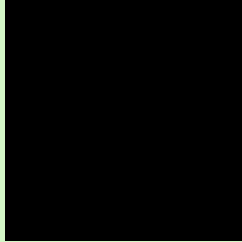
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

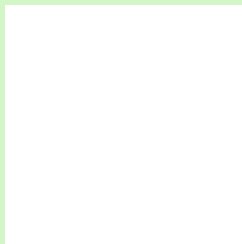
Any Text WCAG AAA ✓ Pass

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

YUV 230.0630, -15.8071, -16.7183 Background



This preview shows how black text looks on a background with the YUV color 230.0630, -15.8071, -16.7183.



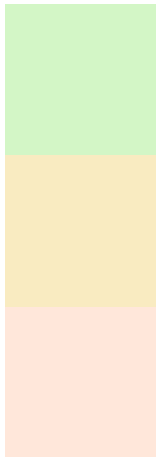
This preview shows how white text looks on a background with the YUV color 230.0630, -15.8071, -16.7183.

-16.7183.

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

230.0630, -15.8071, -16.7183

Protanopia

234.3980, -20.4092, 12.8060

Deuteranopia

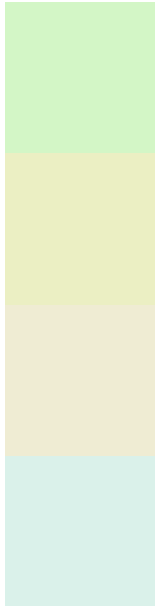
236.6940, -9.2161, 16.0544



Tritanopia

235.1540, 9.7841, -11.5361

Trichromacy



Original Color

230.0630, -15.8071, -16.7183

Protanomaly

232.7880, -18.6295, 1.9399

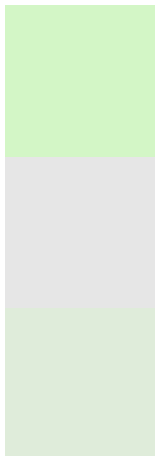
Deuteranomaly

234.0470, -11.3622, 4.3438

Tritanomaly

233.3250, 0.3328, -13.4400

Monochromacy



Original Color

230.0630, -15.8071, -16.7183

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

230.0610, -5.9461, -6.1925

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.0630, -15.8071, -16.7183 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(211, 246, 198)` looks like.

```
.text, #text, p{  
    color:rgb(211, 246, 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(211, 246, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 246, 198) }
```

Border

The CSS property to change the border of an element to YUV 230.0630, -15.8071, -16.7183 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(211, 246, 198) }
```


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

```
.border{ border-color:rgb(211, 246, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 246, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 246, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 246, 198); box-shadow:4px 4px 4px 4px rgb(211, 246, 198) }
```

Background

The CSS property to change the background color of an element to YUV 230.0630, -15.8071, -16.7183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 246, 198) }
```

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

```
.background{ background-color: rgb(211,  
246, 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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