

Converting Colors

YUV(230.3470, -19.8911,
-13.4593)

Have a look what the booklet for
YUV(230.3470, -19.8911, -13.4593)
contains.

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Color

**YUV(230.3470, -19.8911,
-13.4593)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F6BE
RGB	215, 246, 190
RGB Percent	84%, 96%, 75%
CMY	0.1569, 0.0353, 0.2549
CMYK	0.13, 0.00, 0.23, 0.04
HSL	93°, 76%, 85%
HSV	93°, 23%, 96%
XYZ	70.2744, 84.0763, 61.2397
YIQ	230.3470, -0.5000, -23.9880

Conversions

Conversions Part 2

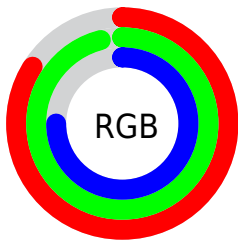
Format	Color
RYB	190, 246, 221
Decimal	14153406
CIELab	93.48, -19.79, 23.67
CIELCh	93, 30.857, 129.892
Yxy	84.0763, 0.3260, 0.3900
Android (android.graphics.Color)	4292343486 (0xFFD7F6BE)
YUV	230.3470, -19.8911, -13.4593
Hunter-Lab	91.6931, -23.6591, 24.5868

Details

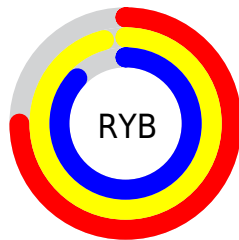
The YUV color $230.3470, -19.8911, -13.4593$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $205.6530, 19.8911, 13.4593$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.0880, -3.4944, 0.7998$, and $174.8740, -19.1649, -13.0445$ is the 20% darker color. If you saturate the color by 10%, you get $223.3110, -28.7473, -19.5667$, and if you desaturate by 10%, it is $237.3830, -11.0348, -7.3519$.

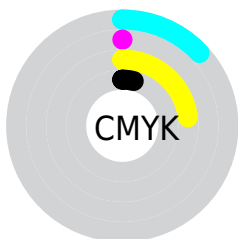
Distribution



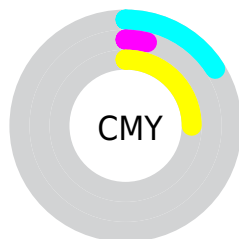
- Red (84%)
- Green (96%)
- Blue (75%)



- Red (75%)
- Yellow (96%)
- Blue (87%)



- Cyan (13%)
- Magenta (0%)
- Yellow (23%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.3470, -19.8911, -13.4593 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 230.3470, -19.8911, -13.4593 by changing the saturation by 10% instead.

■ 230.3470,
-19.8911, -13.4593

■ 230.3470,
-19.8911, -13.4593

255.0000, 0.0000,
0.0000

■ 201.8740,
-19.1649, -13.0445

■ 254.0880, -3.4944,
0.7998

■ 174.8740,
-19.1649, -13.0445

■ 148.1020,
-18.2913, -13.2445

■ 121.9280,
-17.7125, -12.2149

■ 97.0420, -17.2757,
-12.3148

■ 72.6830, -16.1127,
-12.0000

■ 49.7970, -15.6759,

-12.1000

■ 28.8510, -14.2235,
-11.2703

■ 11.7400, -5.7878,
-10.2960

■ 230.3470,
-19.8911, -13.4593

■ 230.3470,
-19.8911, -13.4593

■ 223.3110,
-28.7473, -19.5667

■ 237.3830,
-11.0348, -7.3519

■ 216.6880,
-37.3142, -25.1594

■ 244.0060, -2.4680,
-1.7593

■ 209.6520,
-46.1704, -31.2668

■ 249.7170, 2.6045,
4.6332

■ 203.0290,
-54.7373, -36.8594

■ 195.9930,
-63.5935, -42.9669

■ 188.9570,
-72.4498, -49.0743

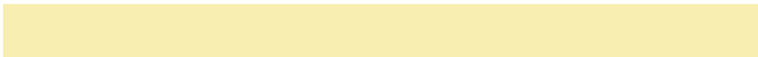
■ 182.3340,
-81.0167, -54.6669

■ 177.2920,
-87.4050, -59.0151

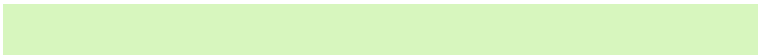
Harmonies

Analogous

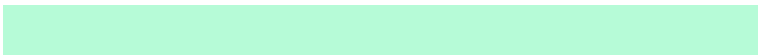
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.1500, -27.6820, 12.1464



230.3470, -19.8911, -13.4593



226.2650, -5.5536, -38.8204

Triad

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



230.3470, -19.8911, -13.4593



224.9110, 14.8339, -44.6489



228.3280, -0.6547, 23.3913

Complementary

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



230.3470, -19.8911, -13.4593



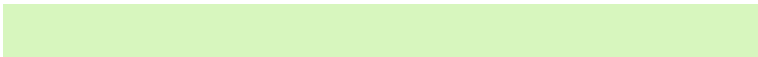
205.6530, 19.8911, 13.4593

Split Complementary

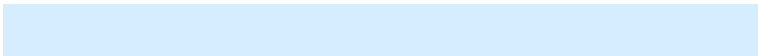
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.6940, 10.9969, 19.5624



230.3470, -19.8911, -13.4593



231.5880, 11.5421, -15.4247

Square

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



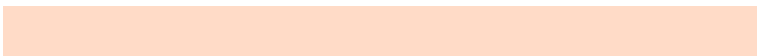
230.3470, -19.8911, -13.4593



221.5560, 16.4879, -61.8776



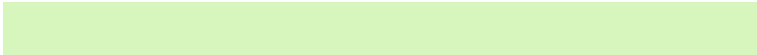
236.7920, 8.9765, 14.2144



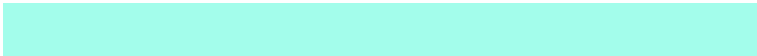
227.4840, -14.0426, 24.1315

Rectangle

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



230.3470, -19.8911, -13.4593



224.0380, 5.4043, -53.5303



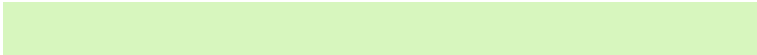
236.7920, 8.9765, 14.2144



229.4680, 3.7133, 22.3916

Sweetspot

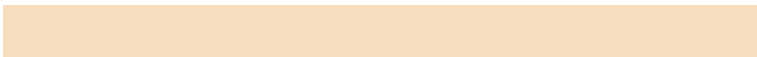
The Sweet Spot groups the original color and five complimentary colors.



230.3470, -19.8911, -13.4593



249.9580, -6.3883, -4.3482



224.9410, -17.2259, 18.4687



124.9520, -3.9203, -2.5889



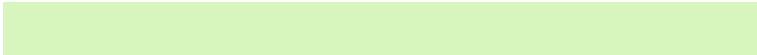
0.0000, 0.0000, 0.0000



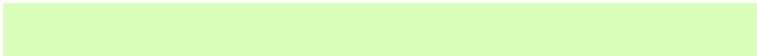
128.0000, 0.0000, 0.0000

Same Dimension

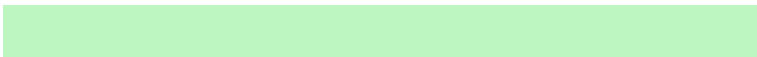
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.3470, -19.8911, -13.4593



235.7720, -24.5376, -16.4630



223.2140, -14.8955, -29.1287



118.8380, -4.3571, -2.4889



133.9990, -66.0615, -44.7261



42.4070, -20.9067, -14.3889

Inverse Universe

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



205.6530, 19.8911, 13.4593



205.2280, 24.5376, 16.4630



212.7860, 14.8955, 29.1287



113.4610, 4.2097, 3.1037



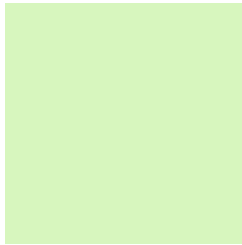
52.0010, 66.0615, 44.7261



16.2940, 21.0541, 13.7742

Previews

White Background



This preview shows how the YUV color 230.3470, -19.8911, -13.4593 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 230.3470, -19.8911, -13.4593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

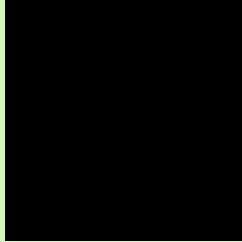
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

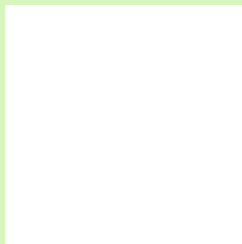
Any Text WCAG AAA ✓ Pass

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

YUV 230.3470, -19.8911, -13.4593 Background



This preview shows how black text looks on a background with the YUV color 230.3470, -19.8911, -13.4593.



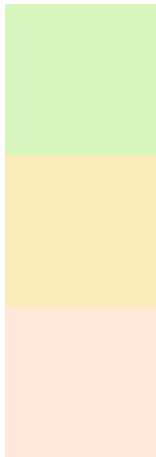
This preview shows how white text looks on a background with the YUV color 230.3470, -19.8911, -13.4593.

-13.4593.

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

230.3470, -19.8911, -13.4593

Protanopia

234.0840, -24.1984, 14.8353

Deuteranopia

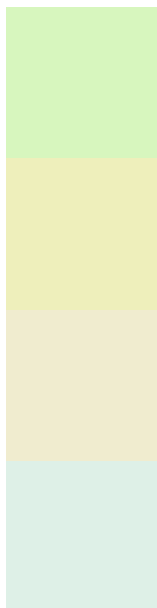
236.5800, -9.6529, 16.1543



Tritanopia

235.7630, 9.4838, -8.5622

Trichromacy



Original Color

230.3470, -19.8911, -13.4593

Protanomaly

232.7730, -22.5661, 4.5841

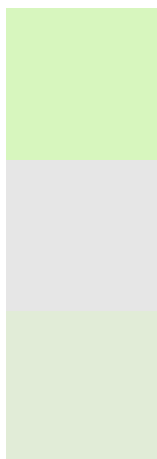
Deuteranomaly

233.8900, -13.2568, 5.3585

Tritanomaly

233.5920, -1.2779, -10.1662

Monochromacy



Original Color

230.3470, -19.8911, -13.4593

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

230.3170, -7.5513, -4.6630

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.3470, -19.8911, -13.4593 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(215, 246, 190)` looks like.

```
.text, #text, p{  
    color:rgb(215, 246, 190)  
}
```

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(215, 246, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 246, 190) }
```

Border

The CSS property to change the border of an element to YUV 230.3470, -19.8911, -13.4593 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(215, 246, 190) }
```


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

```
.border{ border-color:rgb(215, 246, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 246, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 246, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 246, 190);  
box-shadow:4px 4px 4px 4px rgb(215, 246,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 230.3470, -19.8911, -13.4593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 246, 190) }
```

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

```
.background{ background-color: rgb(215,  
246, 190) }
```

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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