

Converting Colors

YUV(228.9230, -20.1750,
-15.7185)

Have a look what the booklet for
YUV(228.9230, -20.1750, -15.7185)
contains.

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Color

**YUV(228.9230, -20.1750,
-15.7185)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D3F6BC |
| RGB | 211, 246, 188 |
| RGB Percent | 83%, 96%, 74% |
| CMY | 0.1725, 0.0353, 0.2627 |
| CMYK | 0.14, 0.00, 0.24, 0.04 |
| HSL | 96°, 76%, 85% |
| HSV | 96°, 24%, 96% |
| XYZ | 68.8968, 83.3913, 60.0418 |
| YIQ | 228.9230, -2.2420, -25.4580 |

Conversions

Conversions Part 2

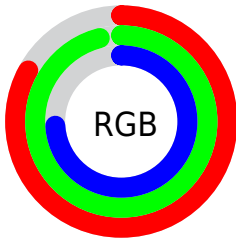
| Format | Color |
|-------------------------------------|---------------------------------|
| R _{YB} | 188, 246, 223 |
| Decimal | 13891260 |
| CIE Lab | 93.19, -21.48, 24.24 |
| CIE LCh | 93, 32.390, 131.538 |
| Yxy | 83.3913, 0.3245, 0.3927 |
| Android (android.graphics.Color) | 4292081340 (0xFFD3F6BC) |
| YUV | 228.9230, -20.1750, -15.7185 |
| Hunter-Lab | 91.3188, -25.1359, 24.9402 |

Details

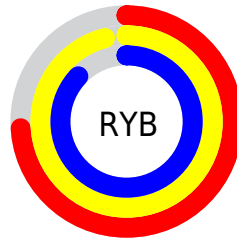
The YUV color $228.9230, -20.1750, -15.7185$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $205.0770, 20.1750, 15.7185$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.7460, -4.8048, 1.0998$, and $173.4500, -19.4488, -15.3036$ is the 20% darker color. If you saturate the color by 10%, you get $221.5880, -28.8839, -22.4407$, and if you desaturate by 10%, it is $236.2580, -11.4662, -8.9963$.

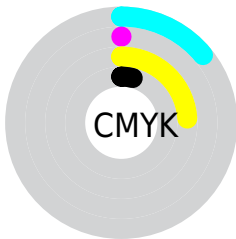
Distribution



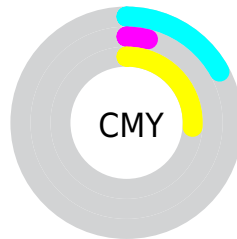
- Red (83%)
- Green (96%)
- Blue (74%)



- Red (74%)
- Yellow (96%)
- Blue (87%)



- Cyan (14%)
- Magenta (0%)
- Yellow (24%)
- Black (4%)



- Cyan (17%)
- Magenta (4%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.9230, -20.1750, -15.7185 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 228.9230, -20.1750, -15.7185 by changing the saturation by 10% instead.

■ 228.9230,
-20.1750, -15.7185

■ 228.9230,
-20.1750, -15.7185

255.0000, 0.0000,
0.0000

■ 200.4500,
-19.4488, -15.3036

■ 253.7460, -4.8048,
1.0998

■ 173.4500,
-19.4488, -15.3036

■ 146.0910,
-18.2859, -14.9888

■ 120.5040,
-17.9965, -14.4740

■ 95.7320, -17.1229,
-14.6740

■ 71.2590, -16.3967,
-14.2591

■ 48.3730, -15.9599,

-14.3591

■ 26.7690, -13.1971,
-13.8294

■ 11.1530, -5.4984,
-9.7812

■ 228.9230,
-20.1750, -15.7185

■ 228.9230,
-20.1750, -15.7185

■ 221.5880,
-28.8839, -22.4407

■ 236.2580,
-11.4662, -8.9963

■ 214.3670,
-37.1559, -29.2629

■ 243.4790, -3.1941,
-2.1741

■ 207.0320,
-45.8648, -35.9851

■ 249.7170, 2.6045,
4.6332

■ 200.1100,
-54.2842, -42.1925

■ 192.7750,
-62.9931, -48.9147

■ 185.4400,
-71.7019, -55.6369

■ 178.2190,
-79.9740, -62.4591

■ 173.7040,
-85.6361, -66.3924

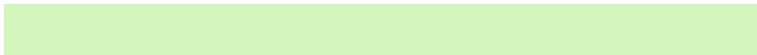
Harmonies

Analogous

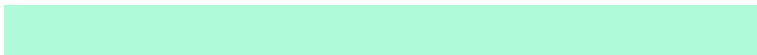
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.5090, -28.8449, 11.8316



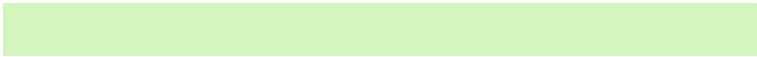
228.9230, -20.1750, -15.7185



224.4710, -4.6692, -42.5091

Triad

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



228.9230, -20.1750, -15.7185



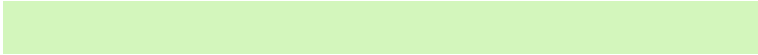
223.4270, 15.5655, -45.9785



226.8120, -1.3863, 24.7209

Complementary

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



228.9230, -20.1750, -15.7185



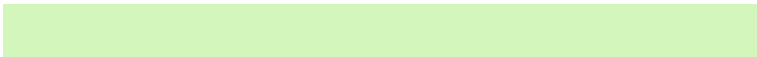
205.0770, 20.1750, 15.7185

Split Complementary

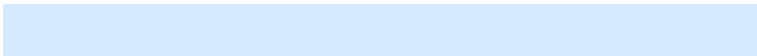
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.5200, 11.5756, 20.5920



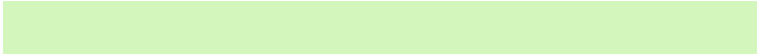
228.9230, -20.1750, -15.7185



230.4140, 12.1209, -14.3951

Square

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



228.9230, -20.1750, -15.7185



219.7620, 17.3723, -65.5663



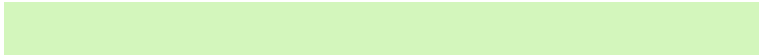
236.2160, 9.2605, 16.4736



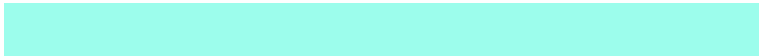
226.4410, -15.5004, 25.0462

Rectangle

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



228.9230, -20.1750, -15.7185



222.0590, 6.8729, -57.9337



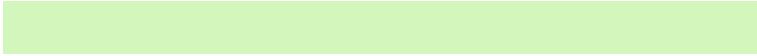
236.2160, 9.2605, 16.4736



228.0660, 3.4185, 23.6211

Sweetspot

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



228.9230, -20.1750, -15.7185



249.6590, -6.2409, -4.9629



225.8870, -18.6783, 17.6391



124.6530, -3.7729, -3.2037



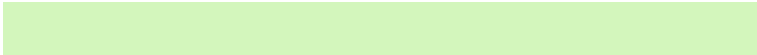
0.0000, 0.0000, 0.0000



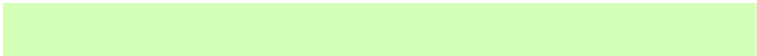
128.0000, 0.0000, 0.0000

Same Dimension

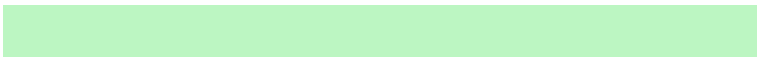
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.9230, -20.1750, -15.7185



234.0490, -24.6742, -19.3370



222.7300, -14.1639, -30.4582



118.5390, -4.2097, -3.1037



131.3080, -64.7348, -50.2591



41.5100, -20.4644, -16.2333

Inverse Universe

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



205.0770, 20.1750, 15.7185



204.9510, 24.6742, 19.3370



211.2700, 14.1639, 30.4582



113.7600, 4.0623, 3.7185



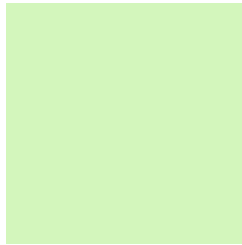
54.6920, 64.7348, 50.2591



17.1910, 20.6118, 15.6185

Previews

White Background



This preview shows how the YUV color 228.9230, -20.1750, -15.7185 looks on a white background.

Color Contrast Check

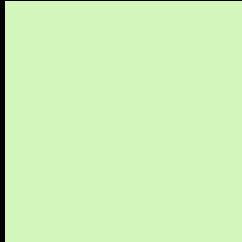
Large Text (above 18pt) WCAG AA × Fail

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 228.9230, -20.1750, -15.7185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

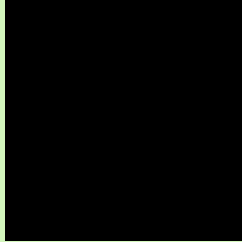
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

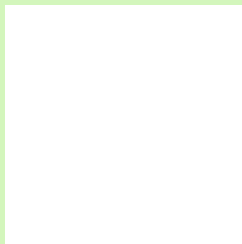
Any Text WCAG AAA ✓ Pass

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

YUV 228.9230, -20.1750, -15.7185 Background



This preview shows how black text looks on a background with the YUV color 228.9230, -20.1750, -15.7185.



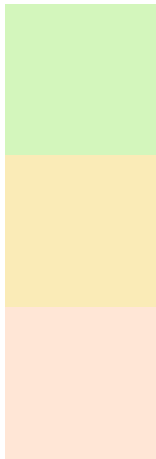
This preview shows how white text looks on a background with the YUV color 228.9230, -20.1750, -15.7185.

-15.7185.

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

228.9230, -20.1750, -15.7185

Protanopia

233.5570, -24.9246, 14.4205

Deuteranopia

235.6510, -10.6739, 16.9691



Tritanopia

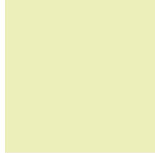
234.5670, 10.0735, -11.0213

Trichromacy



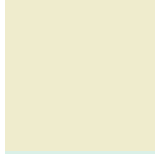
Original Color

228.9230, -20.1750, -15.7185



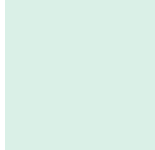
Protanomaly

231.9470, -23.1449, 3.5545



Deuteranomaly

233.3630, -13.9830, 4.9436



Tritanomaly

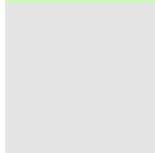
232.3960, -0.6882, -12.6253

Monochromacy



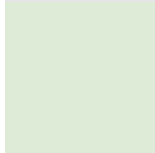
Original Color

228.9230, -20.1750, -15.7185



Achromatopsia

229.0000, 0.0000, 0.0000



Achromatomaly

228.7190, -7.2565, -5.8926

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.9230, -20.1750, -15.7185 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(211, 246, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 246, 188) }
```

Border

The CSS property to change the border of an element to YUV 228.9230, -20.1750, -15.7185 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, 188) }
```


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

```
.border{ border-color:rgb(211, 246, 188) }
```

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, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 246, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 246, 188);  
box-shadow:4px 4px 4px 4px rgb(211, 246,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 228.9230, -20.1750, -15.7185 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, 188) }
```

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

```
.background{ background-color: rgb(211,  
246, 188) }
```

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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