

Converting Colors

YUV(225.7870, -17.1500,
-5.9522)

Have a look what the booklet for
YUV(225.7870, -17.1500, -5.9522)
contains.

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Color

**YUV(225.7870, -17.1500,
-5.9522)**

Conversions

Conversions Part 1

Format	Color
Hex	DBECBF
RGB	219, 236, 191
RGB Percent	86%, 93%, 75%
CMY	0.1412, 0.0745, 0.2510
CMYK	0.07, 0.00, 0.19, 0.07
HSL	83°, 54%, 84%
HSV	83°, 19%, 93%
XYZ	68.6128, 78.8126, 60.8863
YIQ	225.7870, 4.3130, -17.5990

Conversions

Conversions Part 2

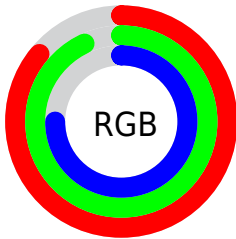
Format	Color
RYB	191, 236, 208
Decimal	14412991
CIELab	91.15, -13.32, 19.97
CIELCh	91, 24.003, 123.705
Yxy	78.8126, 0.3294, 0.3783
Android (android.graphics.Color)	4292603071 (0xFFDBECBF)
YUV	225.7870, -17.1500, -5.9522
Hunter-Lab	88.7764, -17.4011, 21.4802

Details

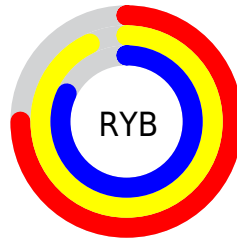
The YUV color $225.7870, -17.1500, -5.9522$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $201.2130, 17.1500, 5.9522$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.0880, -3.4944, 0.7998$, and $170.3140, -16.4238, -5.5374$ is the 20% darker color. If you saturate the color by 10%, you get $220.3600, -26.3065, -9.0857$, and if you desaturate by 10%, it is $231.2140, -7.9935, -2.8187$.

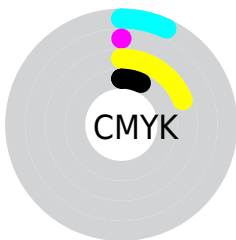
Distribution



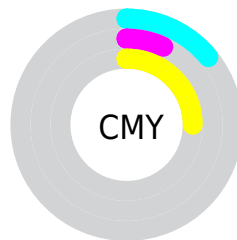
- Red (86%)
- Green (93%)
- Blue (75%)



- Red (75%)
- Yellow (93%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (19%)
- Black (7%)



- Cyan (14%)
- Magenta (7%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.7870, -17.1500, -5.9522 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 225.7870, -17.1500, -5.9522 by changing the saturation by 10% instead.

■ 225.7870,
-17.1500, -5.9522

■ 225.7870,
-17.1500, -5.9522

255.0000, 0.0000,
0.0000

■ 197.9010,
-16.7132, -6.0522

■ 254.0880, -3.4944,
0.7998

■ 170.3140,
-16.4238, -5.5374

■ 143.5420,
-15.5502, -5.7373

■ 117.9550,
-15.2608, -5.2225

■ 93.1830, -14.3872,
-5.4225

■ 69.2970, -13.9504,
-5.5225

■ 46.5250, -13.0768,

-5.7224

■ 26.5360, -13.0822,
-3.9781

■ 4.6960, -2.3151,
-4.1184

■ 225.7870,
-17.1500, -5.9522

■ 225.7870,
-17.1500, -5.9522

■ 220.3600,
-26.3065, -9.0857

■ 231.2140, -7.9935,
-2.8187

■ 215.0470,
-35.0262, -12.3192

■ 236.5270, 0.7262,
0.4148

■ 209.6200,
-44.1827, -15.4527

■ 241.1560, 6.8251,
4.2482

■ 204.3070,
-52.9024, -18.6862

■ 243.8470, 5.4984,
9.7812

■ 198.8800,
-62.0588, -21.8198

■ 193.7520,
-71.3627, -24.3385

■ 188.4390,
-80.0824, -27.5720

■ 183.0120,
-89.2389, -30.7055

■ 182.4850,
-89.9651, -31.1203

Harmonies

Analogous

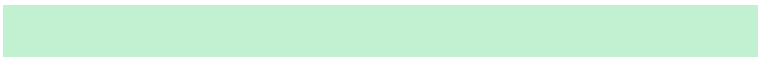
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.6540, -22.0144, 14.3354



225.7870, -17.1500, -5.9522



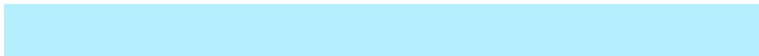
223.0000, -6.9020, -26.3100

Triad

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



225.7870, -17.1500, -5.9522



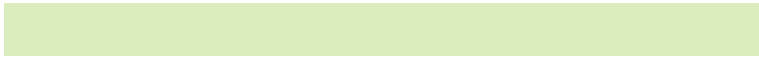
222.5960, 15.9752, -37.3567



227.2680, 0.3609, 24.3210

Complementary

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



225.7870, -17.1500, -5.9522



201.2130, 17.1500, 5.9522

Split Complementary

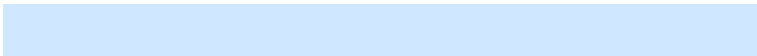
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.5370, 9.1023, 20.5771



225.7870, -17.1500, -5.9522



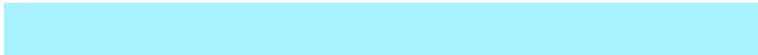
226.5600, 14.0209, -17.1541

Square

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



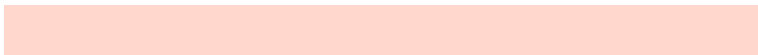
225.7870, -17.1500, -5.9522



220.9430, 16.2971, -47.3080



230.8340, 11.9138, 5.4076



225.8200, -10.2643, 25.5909

Rectangle

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



225.7870, -17.1500, -5.9522



221.6980, 1.1349, -37.4461



230.8340, 11.9138, 5.4076



228.6530, 3.1291, 23.1063

Sweetspot

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



225.7870, -17.1500, -5.9522



251.4960, -5.6675, -2.1890



213.8470, -11.2636, 19.4282



125.7780, -3.3416, -1.5593



0.0000, 0.0000, 0.0000



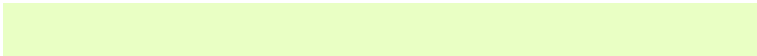
128.0000, 0.0000, 0.0000

Same Dimension

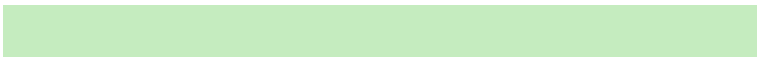
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.7870, -17.1500, -5.9522



241.6960, -22.5281, -7.6264



219.2090, -13.9070, -19.4773



114.5500, -4.2152, -1.3594



140.0340, -69.0368, -23.7088



41.5650, -20.4915, -7.5115

Inverse Universe

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



201.2130, 17.1500, 5.9522



209.6030, 22.3807, 8.2412



207.7910, 13.9070, 19.4773



108.4500, 4.2152, 1.3594



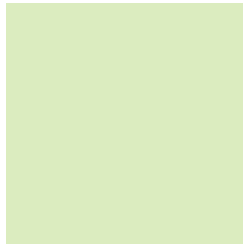
40.9660, 69.0368, 23.7088



12.1360, 20.6390, 6.8967

Previews

White Background



This preview shows how the YUV color 225.7870, -17.1500, -5.9522 looks on a white background.

Color Contrast Check

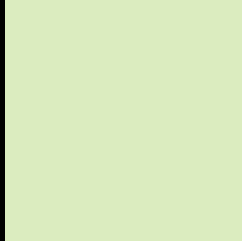
Large Text (above 18pt) WCAG AA × Fail

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 225.7870, -17.1500, -5.9522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

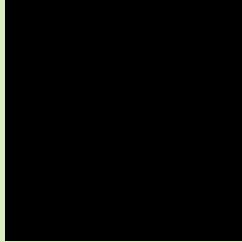
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

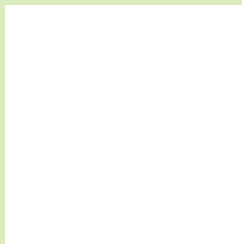
Any Text WCAG AAA ✓ Pass

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

YUV 225.7870, -17.1500, -5.9522 Background



This preview shows how black text looks on a background with the YUV color 225.7870, -17.1500, -5.9522.



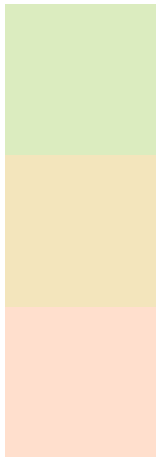
This preview shows how white text looks on a background with the YUV color 225.7870, -17.1500, -5.9522.

-5.9522.

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**

225.7870, -17.1500, -5.9522

Protanopia

228.5120, -19.9724, 12.7060

Deuteranopia

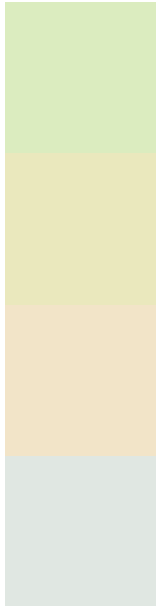
230.5160, -12.5794, 21.4725



Tritanopia

229.7530, 8.0098, -2.4144

Trichromacy



Original Color

225.7870, -17.1500, -5.9522

Protanomaly

227.6960, -19.0771, 5.5286

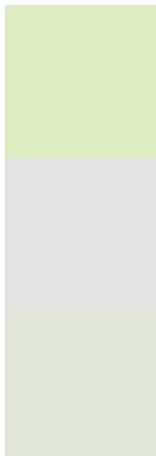
Deuteranomaly

228.9940, -14.2940, 11.4063

Tritanomaly

228.3370, -1.1521, -3.8035

Monochromacy



Original Color

225.7870, -17.1500, -5.9522

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

225.9690, -6.3937, -2.6038

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.7870, -17.1500, -5.9522 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(219, 236, 191)` looks like.

```
.text, #text, p{  
    color:rgb(219, 236, 191)  
}
```

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(219, 236, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 236, 191) }
```

Border

The CSS property to change the border of an element to YUV 225.7870, -17.1500, -5.9522 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(219, 236, 191) }
```


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

```
.border{ border-color:rgb(219, 236, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 236, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 236, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 236, 191);  
box-shadow:4px 4px 4px 4px rgb(219, 236,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 225.7870, -17.1500, -5.9522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 236, 191) }
```

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

```
.background{ background-color: rgb(219,  
236, 191) }
```

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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