

Converting Colors

YUV(219.4170, -15.9816,
-7.3817)

Have a look what the booklet for
YUV(219.4170, -15.9816, -7.3817)
contains.

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Color

**YUV(219.4170, -15.9816,
-7.3817)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E6BB
RGB	211, 230, 187
RGB Percent	83%, 90%, 73%
CMY	0.1725, 0.0980, 0.2667
CMYK	0.08, 0.00, 0.19, 0.10
HSL	87°, 46%, 82%
HSV	87°, 19%, 90%
XYZ	64.1304, 74.0304, 57.9230
YIQ	219.4170, 2.4790, -17.4010

Conversions

Conversions Part 2

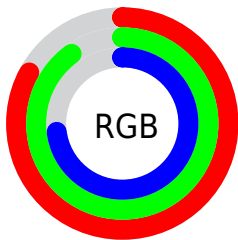
Format	Color
R _{YB}	187, 230, 206
Decimal	13887163
CIE Lab	88.94, -13.77, 18.87
CIE LCh	89, 23.362, 126.120
Yxy	74.0304, 0.3271, 0.3775
Android (android.graphics.Color)	4292077243 (0xFFD3E6BB)
YUV	219.4170, -15.9816, -7.3817
Hunter-Lab	86.0409, -17.5269, 20.3144

Details

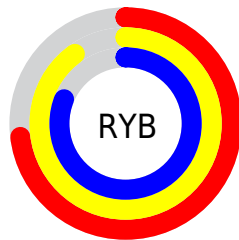
The YUV color $219.4170, -15.9816, -7.3817$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $197.5830, 15.9816, 7.3817$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.6320, -5.2416, 1.1997$, and $164.0580, -14.8186, -7.0669$ is the 20% darker color. If you saturate the color by 10%, you get $213.8050, -24.5539, -11.2300$, and if you desaturate by 10%, it is $225.0290, -7.4093, -3.5334$.

Distribution



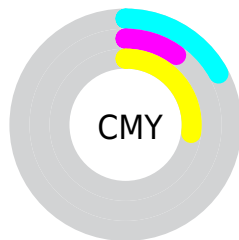
- Red (83%)
- Green (90%)
- Blue (73%)



- Red (73%)
- Yellow (90%)
- Blue (81%)



- Cyan (8%)
- Magenta (0%)
- Yellow (19%)
- Black (10%)



- Cyan (17%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.4170, -15.9816, -7.3817 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 219.4170, -15.9816, -7.3817 by changing the saturation by 10% instead.

■ 219.4170,
-15.9816, -7.3817

■ 219.4170,
-15.9816, -7.3817

255.0000, 0.0000,
0.0000

■ 191.5310,
-15.5448, -7.4817

■ 253.6320, -5.2416,
1.1997

■ 164.0580,
-14.8186, -7.0669

■ 138.0580,
-14.8186, -7.0669

■ 112.5850,
-14.0924, -6.6520

■ 87.6990, -13.6556,
-6.7520

■ 64.2260, -12.9294,
-6.3372

■ 42.0410, -12.3452,

-7.0520

■ 21.7960, -10.7454,
-6.8371

■ 0.0000, 0.0000,
0.0000

■ 219.4170,
-15.9816, -7.3817

■ 219.4170,
-15.9816, -7.3817

■ 213.8050,
-24.5539, -11.2300

■ 225.0290, -7.4093,
-3.5334

■ 208.1930,
-33.1261, -15.0783

■ 230.6410, 1.1630,
0.3148

■ 202.5810,
-41.6984, -18.9265

■ 236.1390, 9.2985,
4.2631

■ 196.6700,
-50.1233, -23.3896

■ 239.4280, 7.6770,
11.0256

■ 191.0580,
-58.6956, -27.2379

■ 240.3250, 7.2348,
12.8700

■ 185.4460,
-67.2679, -31.0861

■ 179.8340,
-75.8402, -34.9344

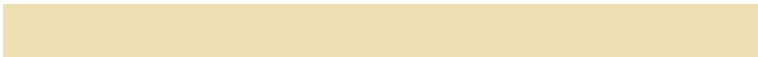
■ 174.2220,
-84.4124, -38.7827

■ 173.2820,
-85.4280, -39.7123

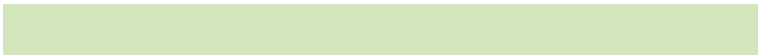
Harmonies

Analogous

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



221.8710, -21.1354, 12.3911



219.4170, -15.9816, -7.3817



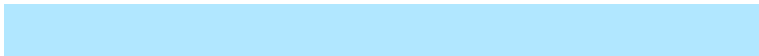
216.9290, -5.8810, -27.1247

Triad

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



219.4170, -15.9816, -7.3817



217.5900, 18.4431, -35.5974



223.3070, -2.1234, 27.7948

Complementary

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



219.4170, -15.9816, -7.3817



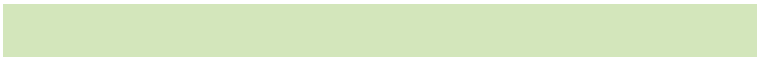
197.5830, 15.9816, 7.3817

Split Complementary

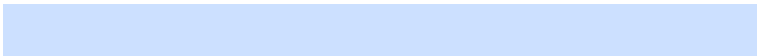
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.1030, 7.3442, 24.4657



219.4170, -15.9816, -7.3817



221.5540, 16.4889, -15.3949

Square

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



219.4170, -15.9816, -7.3817



215.0680, 16.7285, -45.6636



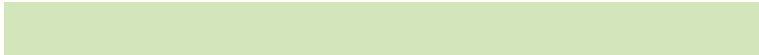
225.5290, 14.5292, 6.5521



222.0870, -11.8749, 28.8647

Rectangle

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



219.4170, -15.9816, -7.3817



215.3390, 2.2979, -37.1313



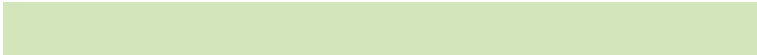
225.5290, 14.5292, 6.5521



224.2190, 1.3710, 26.9949

Sweetspot

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



219.4170, -15.9816, -7.3817



251.1970, -5.5201, -2.8038



211.0100, -11.8369, 16.6542



125.7780, -3.3416, -1.5593



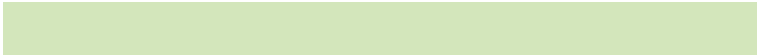
0.0000, 0.0000, 0.0000



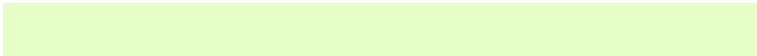
128.0000, 0.0000, 0.0000

Same Dimension

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



219.4170, -15.9816, -7.3817



241.1410, -20.7755, -9.7707



213.1380, -12.8860, -20.2920



112.1370, -4.5045, -1.8741



134.9730, -66.5417, -30.6713



38.3090, -18.8863, -9.0410

Inverse Universe

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



197.5830, 15.9816, 7.3817



212.8590, 20.7755, 9.7707



203.8620, 12.8860, 20.2920



105.8630, 4.5045, 1.8741



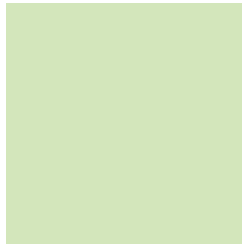
44.0270, 66.5417, 30.6713



12.6910, 18.8863, 9.0410

Previews

White Background



This preview shows how the YUV color 219.4170, -15.9816, -7.3817 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 219.4170, -15.9816, -7.3817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

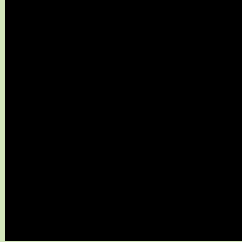
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

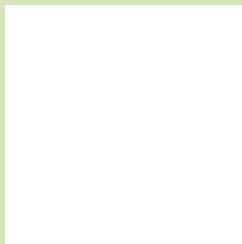
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 219.4170, -15.9816, -7.3817

Background



This preview shows how black text looks on a background with the YUV color 219.4170, -15.9816, -7.3817.



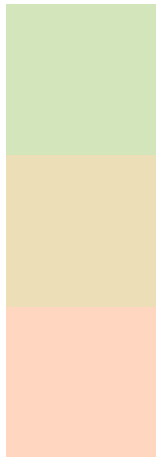
This preview shows how white text looks on a background with the YUV color 219.4170, -15.9816, -7.3817.

-7.3817.

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

219.4170, -15.9816, -7.3817

Protanopia

222.3270, -19.3882, 11.9912

Deuteranopia

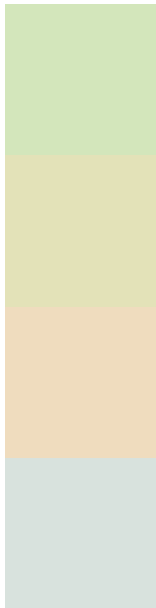
224.3380, -15.9426, 26.8906



Tritanopia

223.7420, 8.0152, -4.1587

Trichromacy



Original Color

219.4170, -15.9816, -7.3817

Protanomaly

221.5110, -18.4929, 4.8139

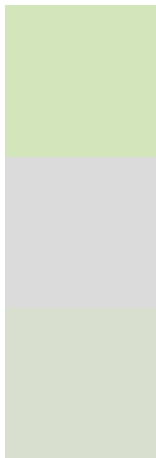
Deuteranomaly

222.2610, -15.9047, 14.6801

Tritanomaly

222.4400, -0.7099, -5.6479

Monochromacy



Original Color

219.4170, -15.9816, -7.3817

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.0830, -5.9569, -2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.4170, -15.9816, -7.3817 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, 230, 187)` looks like.

```
.text, #text, p{  
    color:rgb(211, 230, 187)  
}
```

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, 230, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 230, 187) }
```

Border

The CSS property to change the border of an element to YUV 219.4170, -15.9816, -7.3817 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, 230, 187) }
```


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

```
.border{ border-color:rgb(211, 230, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 230, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 230, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 230, 187); box-shadow:4px 4px 4px 4px rgb(211, 230, 187) }
```

Background

The CSS property to change the background color of an element to YUV 219.4170, -15.9816, -7.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 230, 187) }
```

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

```
.background{ background-color: rgb(211,  
230, 187) }
```

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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