

Converting Colors

YUV(216.3650, -7.0819,
-15.2291)

Have a look what the booklet for
YUV(216.3650, -7.0819, -15.2291)
contains.

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Color

**YUV(216.3650, -7.0819,
-15.2291)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E4CA
RGB	199, 228, 202
RGB Percent	78%, 89%, 79%
CMY	0.2196, 0.1059, 0.2078
CMYK	0.13, 0.00, 0.11, 0.11
HSL	126°, 35%, 84%
HSV	126°, 13%, 89%
XYZ	61.9573, 71.8932, 66.4884
YIQ	216.3650, -8.9380, -14.2340

Conversions

Conversions Part 2

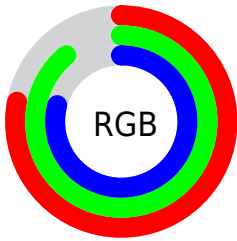
Format	Color
RYB	199, 225, 228
Decimal	13100234
CIELab	87.92, -14.39, 9.49
CIElCh	88, 17.235, 146.591
Yxy	71.8932, 0.3093, 0.3589
Android (android.graphics.Color)	4291290314 (0xFFC7E4CA)
YUV	216.3650, -7.0819, -15.2291
Hunter-Lab	84.7899, -17.9495, 12.8603

Details

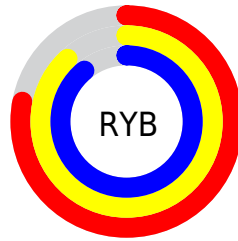
The YUV color **216.3650, -7.0819, -15.2291** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **210.6350, 7.0819, 15.2291**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **161.7780, -6.7926, -14.7143** is the 20% darker color. If you saturate the color by 10%, you get **207.2080, -12.4275, -27.3694**, and if you desaturate by 10%, it is **225.5220, -1.7363, -3.0888**.

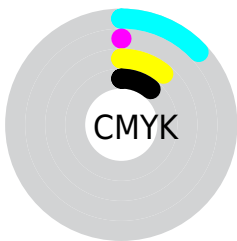
Distribution



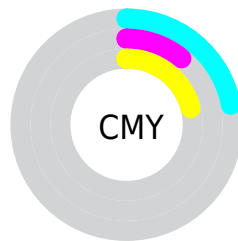
- Red (78%)
- Green (89%)
- Blue (79%)



- Red (78%)
- Yellow (88%)
- Blue (89%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.3650, -7.0819, -15.2291 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 216.3650, -7.0819, -15.2291 by changing the saturation by 10% instead.

■ 216.3650, -7.0819,
-15.2291

■ 216.3650, -7.0819,
-15.2291

255.0000, 0.0000,
0.0000

■ 188.7780, -6.7926,
-14.7143

■ 161.7780, -6.7926,
-14.7143

■ 135.1910, -6.5032,
-14.1995

■ 109.6040, -6.2138,
-13.6847

■ 85.1310, -5.4876,
-13.2699

■ 62.1310, -5.4876,
-13.2699

■ 39.6580, -4.7614,

-12.8551

■ 17.6040, -6.2138,
-13.6847

■ 0.0000, 0.0000,
0.0000

■ 216.3650, -7.0819,
-15.2291

■ 216.3650, -7.0819,
-15.2291

■ 207.2080,
-12.4275, -27.3694

■ 225.5220, -1.7363,
-3.0888

■ 197.9370,
-18.2099, -39.4097

■ 234.7930, 4.0461,
8.9515

■ 189.0790,
-23.7029, -50.9353

■ 239.1510, 7.8136,
13.8996

■ 179.8080,
-29.4853, -62.9756

■ 170.6510,
-34.8309, -75.1159

■ 161.3800,
-40.6133, -87.1563

■ 152.2230,
-45.9589, -99.2966

■ 143.2510,
-51.8887, -110.7221

■ 136.5720,
-55.4980, -119.7736

Harmonies

Analogous

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



218.4440, -13.5299, -0.3894



216.3650, -7.0819, -15.2291



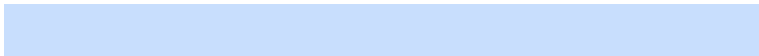
214.8780, 1.5391, -27.0800

Triad

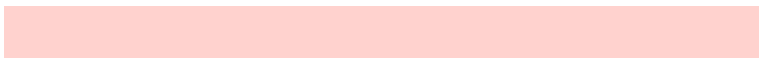
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



216.3650, -7.0819, -15.2291



218.9560, 16.7837, -16.6244



222.9990, -8.3805, 28.0649

Complementary

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



216.3650, -7.0819, -15.2291



210.6350, 7.0819, 15.2291

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.



223.4530, -0.2233, 25.0357



216.3650, -7.0819, -15.2291



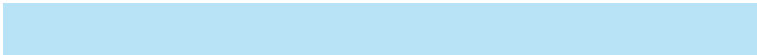
221.9580, 13.8247, -0.8402

Square

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



216.3650, -7.0819, -15.2291



216.4230, 15.0745, -28.4350



223.4500, 7.6662, 14.5144



221.5980, -13.6058, 24.0316

Rectangle

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



216.3650, -7.0819, -15.2291



214.6370, 7.0810, -31.2536



223.4500, 7.6662, 14.5144



223.0960, -5.4703, 27.9798

Sweetspot

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



216.3650, -7.0819, -15.2291



250.9840, -2.4571, -5.2480



223.7970, -12.2249, 1.0550



125.2230, -1.5889, -3.7036



0.0000, 0.0000, 0.0000



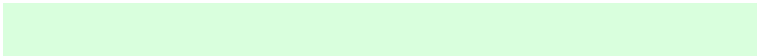
128.0000, 0.0000, 0.0000

Same Dimension

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



216.3650, -7.0819, -15.2291



239.7620, -9.2497, -19.9623



217.9610, -0.9668, -16.6288



110.1580, -3.0359, -6.2776



107.1250, -43.9386, -93.9486



30.5070, -12.5750, -26.7546

Inverse Universe

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



210.6350, 7.0819, 15.2291



232.2380, 9.2497, 19.9623



209.0390, 0.9668, 16.6288



107.8420, 3.0359, 6.2776



71.7610, 43.5018, 94.0486



20.4930, 12.5750, 26.7546

Previews

White Background



This preview shows how the YUV color 216.3650, -7.0819, -15.2291 looks on a white background.

Color Contrast Check

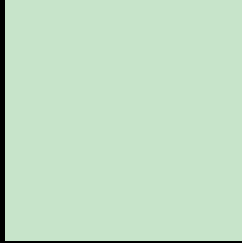
Large Text (above 18pt) WCAG AA × Fail

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 216.3650, -7.0819, -15.2291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

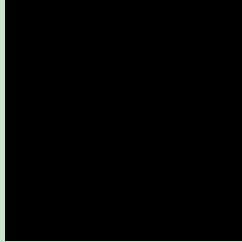
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

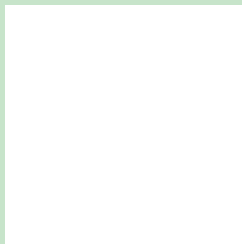
Any Text WCAG AAA ✓ Pass

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

YUV 216.3650, -7.0819, -15.2291 Background



This preview shows how black text looks on a background with the YUV color 216.3650, -7.0819, -15.2291.



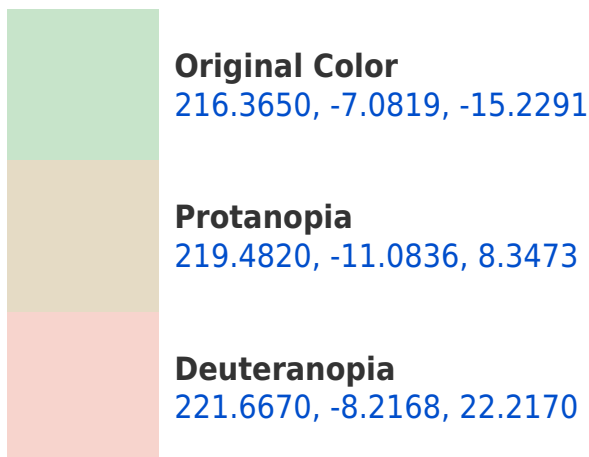
This preview shows how white text looks on a background with the YUV color 216.3650, -7.0819,

-15.2291.

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

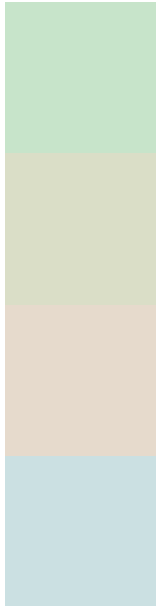




Tritanopia

218.9690, 10.3683, -12.2508

Trichromacy



Original Color

216.3650, -7.0819, -15.2291

Protanomaly

218.1820, -9.4567, -0.1596

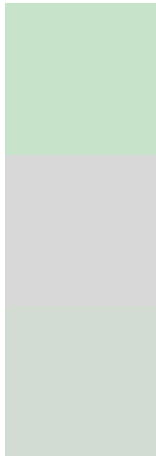
Deuteranomaly

219.9920, -7.8841, 8.7770

Tritanomaly

217.9490, 3.9691, -13.1103

Monochromacy



Original Color

216.3650, -7.0819, -15.2291

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.9840, -2.4571, -5.2480

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.3650, -7.0819, -15.2291 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(199, 228, 202)` looks like.

```
.text, #text, p{  
    color:rgb(199, 228, 202)  
}
```

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(199, 228, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 228, 202) }
```

Border

The CSS property to change the border of an element to YUV 216.3650, -7.0819, -15.2291 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(199, 228, 202) }
```


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

```
.border{ border-color:rgb(199, 228, 202) }
```

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

Here you see how a box with a 4 pixel rgb(199, 228, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 228, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 228, 202);  
box-shadow:4px 4px 4px 4px rgb(199, 228,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 216.3650, -7.0819, -15.2291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 228, 202) }
```

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

```
.background{ background-color: rgb(199,  
228, 202) }
```

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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