

Converting Colors

YUV(216.9850, -7.3876,
-10.5108)

Have a look what the booklet for
YUV(216.9850, -7.3876, -10.5108)
contains.

YUV(216.9850, -7.3876, -10.5108)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(216.9850, -7.3876,
-10.5108)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE2CA
RGB	205, 226, 202
RGB Percent	80%, 89%, 79%
CMY	0.1961, 0.1137, 0.2078
CMYK	0.09, 0.00, 0.11, 0.11
HSL	112°, 29%, 84%
HSV	112°, 11%, 89%
XYZ	63.0339, 71.6361, 66.3820
YIQ	216.9850, -4.8120, -11.9160

Conversions

Conversions Part 2

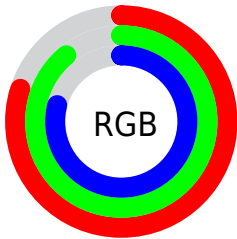
Format	Color
R_{YB}	202, 226, 223
Decimal	13492938
CIE _{Lab}	87.79, -11.36, 9.37
CIE _{LCh}	88, 14.720, 140.483
Yxy	71.6361, 0.3135, 0.3563
Android (android.graphics.Color)	4291683018 (0xFFCDE2CA)
YUV	216.9850, -7.3876, -10.5108
Hunter-Lab	84.6381, -15.1796, 12.7453

Details

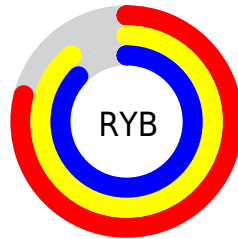
The YUV color $216.9850, -7.3876, -10.5108$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $211.0150, 7.3876, 10.5108$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $162.3980, -7.0982, -9.9960$ is the 20% darker color. If you saturate the color by 10%, you get $208.3830, -14.4858, -20.5069$, and if you desaturate by 10%, it is $225.5870, -0.2894, -0.5148$.

Distribution



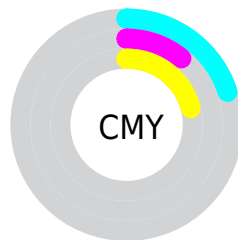
- Red (80%)
- Green (89%)
- Blue (79%)



- Red (79%)
- Yellow (89%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.9850, -7.3876, -10.5108 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 216.9850, -7.3876, -10.5108 by changing the saturation by 10% instead.

■ 216.9850, -7.3876,
-10.5108

■ 216.9850, -7.3876,
-10.5108

255.0000, 0.0000,
0.0000

■ 189.0990, -6.9508,
-10.6108

■ 162.3980, -7.0982,
-9.9960

■ 135.8110, -6.8088,
-9.4812

■ 110.2240, -6.5194,
-8.9664

■ 86.3380, -6.0826,
-9.0664

■ 62.7510, -5.7932,
-8.5516

■ 40.8650, -5.3564,

-8.6516

■ 19.4090, -7.1036,
-8.2517

■ 0.0000, 0.0000,
0.0000

■ 216.9850, -7.3876,
-10.5108

■ 216.9850, -7.3876,
-10.5108

■ 208.3830,
-14.4858, -20.5069

■ 225.5870, -0.2894,
-0.5148

■ 199.8950,
-21.1472, -30.6029

■ 234.0750, 6.3720,
9.5812

■ 191.5920,
-28.3929, -39.9842

■ 237.9770, 8.3923,
14.9292

■ 183.1040,
-35.0543, -50.0802

■ 174.5020,
-42.1525, -60.0763

■ 165.9000,
-49.2507, -70.0723

■ 157.7110,
-56.0595, -79.5535

■ 149.1090,
-63.1577, -89.5496

■ 141.0340,
-69.5298, -99.1308

Harmonies

Analogous

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



218.5090, -12.0829, 2.1846



216.9850, -7.3876, -10.5108



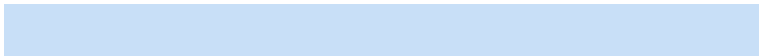
215.7540, -0.3717, -20.8323

Triad

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



216.9850, -7.3876, -10.5108



218.8590, 13.8735, -16.5393



222.6610, -5.7489, 23.9763

Complementary

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



216.9850, -7.3876, -10.5108



211.0150, 7.3876, 10.5108

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.



223.0610, 0.9559, 20.1175



216.9850, -7.3876, -10.5108



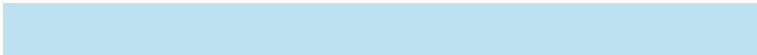
220.8930, 12.3778, -3.4142

Square

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



216.9850, -7.3876, -10.5108



216.3480, 12.1534, -24.8612



222.7160, 7.5350, 9.8961



221.5700, -11.1270, 22.3021

Rectangle

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



216.9850, -7.3876, -10.5108



215.6870, 4.5913, -26.0355



222.7160, 7.5350, 9.8961



223.2310, -3.5649, 23.4764

Sweetspot

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



216.9850, -7.3876, -10.5108



251.9950, -2.4625, -3.5036



221.5030, -9.6150, 3.9439



125.8210, -1.8838, -2.4740



0.0000, 0.0000, 0.0000



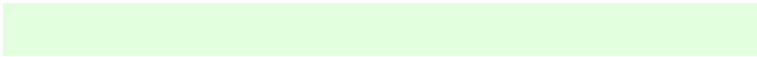
128.0000, 0.0000, 0.0000

Same Dimension

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



216.9850, -7.3876, -10.5108



242.5670, -10.1395, -14.5293



217.1140, -3.0142, -13.2550



107.7560, -3.3307, -5.0480



109.8900, -54.1758, -77.0795



29.9700, -14.7752, -21.0217

Inverse Universe

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



211.0150, 7.3876, 10.5108



234.4330, 10.1395, 14.5293



210.8860, 3.0142, 13.2550



105.2440, 3.3307, 5.0480



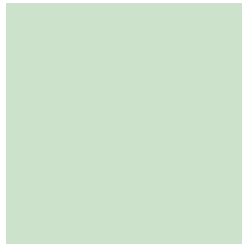
66.1100, 54.1758, 77.0795



18.0300, 14.7752, 21.0217

Previews

White Background



This preview shows how the YUV color 216.9850, -7.3876, -10.5108 looks on a white background.

Color Contrast Check

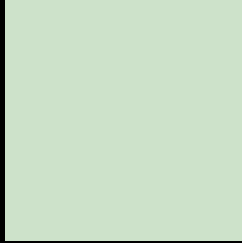
Large Text (above 18pt) WCAG AA × Fail

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 216.9850, -7.3876, -10.5108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

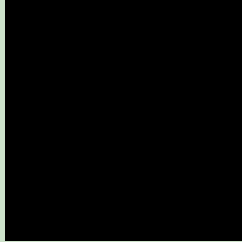
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

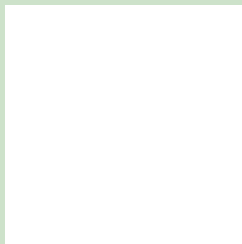
Any Text WCAG AAA ✓ Pass

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

YUV 216.9850, -7.3876, -10.5108 Background



This preview shows how black text looks on a background with the YUV color 216.9850, -7.3876, -10.5108.



This preview shows how white text looks on a background with the YUV color 216.9850, -7.3876,

-10.5108.

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
Protanopia
Deuteranopia

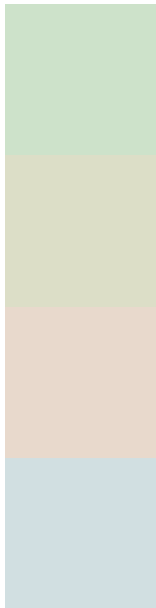
216.9850, -7.3876, -10.5108
219.5960, -10.6468, 8.2473
221.6670, -8.2168, 22.2170



Tritanopia

219.9480, 8.8996, -7.8474

Trichromacy



Original Color

216.9850, -7.3876, -10.5108

Protanomaly

218.7800, -9.7515, 1.0699

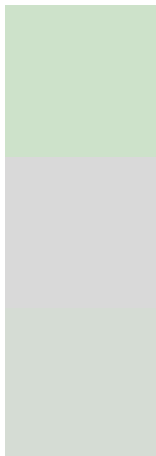
Deuteranomaly

220.0030, -7.8895, 10.5214

Tritanomaly

219.0420, 2.9373, -8.8068

Monochromacy



Original Color

216.9850, -7.3876, -10.5108

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.9950, -2.4625, -3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.9850, -7.3876, -10.5108 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(205, 226, 202)` looks like.

```
.text, #text, p{  
    color:rgb(205, 226, 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(205, 226, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 226, 202) }
```

Border

The CSS property to change the border of an element to YUV 216.9850, -7.3876, -10.5108 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(205, 226, 202) }
```


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

```
.border{ border-color:rgb(205, 226, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 226, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 226, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 226, 202);  
box-shadow:4px 4px 4px 4px rgb(205, 226,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 216.9850, -7.3876, -10.5108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 226, 202) }
```

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

```
.background{ background-color: rgb(205,  
226, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor