

Converting Colors

YUV(217.6210, -8.6872,
-13.6996)

Have a look what the booklet for
YUV(217.6210, -8.6872, -13.6996)
contains.

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Color

**YUV(217.6210, -8.6872,
-13.6996)**

Conversions

Conversions Part 1

Format	Color
Hex	CAE5C8
RGB	202, 229, 200
RGB Percent	79%, 90%, 78%
CMY	0.2078, 0.1020, 0.2157
CMYK	0.12, 0.00, 0.13, 0.10
HSL	116°, 36%, 84%
HSV	116°, 13%, 90%
XYZ	62.8018, 72.7653, 65.3787
YIQ	217.6210, -6.7830, -14.7430

Conversions

Conversions Part 2

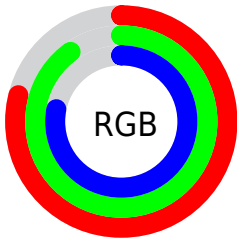
Format	Color
RYB	200, 229, 227
Decimal	13297096
CIELab	88.34, -14.23, 11.16
CIElCh	88, 18.084, 141.893
Yxy	72.7653, 0.3125, 0.3621
Android (android.graphics.Color)	4291487176 (0xFFCAE5C8)
YUV	217.6210, -8.6872, -13.6996
Hunter-Lab	85.3026, -17.8636, 14.2700

Details

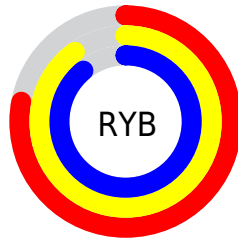
The YUV color **217.6210, -8.6872, -13.6996** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **211.3790, 8.6872, 13.6996**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **163.0340, -8.3978, -13.1848** is the 20% darker color. If you saturate the color by 10%, you get **208.7200, -15.6380, -24.3104**, and if you desaturate by 10%, it is **226.5220, -1.7363, -3.0888**.

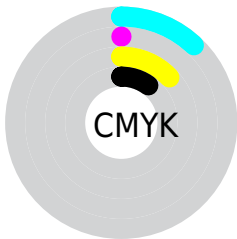
Distribution



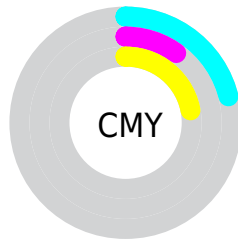
- Red (79%)
- Green (90%)
- Blue (78%)



- Red (78%)
- Yellow (90%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)



- Cyan (21%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.6210, -8.6872, -13.6996 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 217.6210, -8.6872, -13.6996 by changing the saturation by 10% instead.

■ 217.6210, -8.6872,
-13.6996

■ 217.6210, -8.6872,
-13.6996

255.0000, 0.0000,
0.0000

■ 190.0340, -8.3978,
-13.1848

■ 163.0340, -8.3978,
-13.1848

■ 136.4470, -8.1084,
-12.6700

■ 110.9740, -7.3822,
-12.2552

■ 86.3870, -7.0928,
-11.7404

■ 62.8000, -6.8034,
-11.2256

■ 40.9140, -6.3666,

-11.3256

■ 19.1590, -7.9664,
-11.5404

■ 0.0000, 0.0000,
0.0000

■ 217.6210, -8.6872,
-13.6996

■ 217.6210, -8.6872,
-13.6996

■ 208.7200,
-15.6380, -24.3104

■ 226.5220, -1.7363,
-3.0888

■ 199.5200,
-22.4414, -35.5360

■ 235.7220, 5.0671,
8.1368

■ 190.6190,
-29.3922, -46.1469

■ 239.7380, 7.5242,
13.3848

■ 181.7180,
-36.3430, -56.7577

■ 172.5180,
-43.1464, -67.9833

■ 163.7310,
-49.6604, -78.6941

■ 154.8300,
-56.6112, -89.3049

■ 145.6300,
-63.4146, -100.5305

■ 139.2070,
-68.6291, -108.0525

Harmonies

Analogous

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



219.5260, -14.5563, 2.1697



217.6210, -8.6872, -13.6996



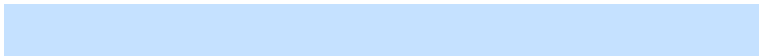
216.1230, -0.0606, -27.2949

Triad

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



217.6210, -8.6872, -13.6996



220.0480, 17.2313, -20.2131



223.4550, -6.6333, 27.6650

Complementary

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



217.6210, -8.6872, -13.6996



211.3790, 8.6872, 13.6996

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.



225.0940, 0.9397, 25.3506



217.6210, -8.6872, -13.6996



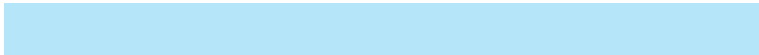
222.8760, 14.8511, -3.3993

Square

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



217.6210, -8.6872, -13.6996



216.8140, 15.3747, -31.4089



224.4930, 9.1240, 13.5996



223.4950, -14.0480, 25.8759

Rectangle

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



217.6210, -8.6872, -13.6996



215.6970, 6.0654, -32.1833



224.4930, 9.1240, 13.5996



224.0250, -4.4493, 27.1651

Sweetspot

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



217.6210, -8.6872, -13.6996



251.1690, -3.0413, -4.5332



224.5200, -12.0884, 3.9290



125.4080, -2.1731, -2.9888



0.0000, 0.0000, 0.0000



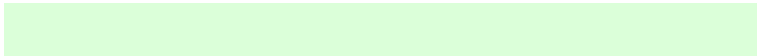
128.0000, 0.0000, 0.0000

Same Dimension

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



217.6210, -8.6872, -13.6996



239.9040, -11.2917, -18.3328



218.3910, -3.1508, -16.1289



110.3430, -3.6201, -5.5628



108.6610, -53.5699, -84.7717



31.1330, -15.3486, -23.7956

Inverse Universe

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



211.3790, 8.6872, 13.6996



231.7970, 11.4391, 17.7180



210.6090, 3.1508, 16.1289



107.6570, 3.6201, 5.5628



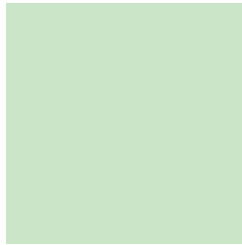
70.0400, 53.7173, 84.1569



19.8670, 15.3486, 23.7956

Previews

White Background



This preview shows how the YUV color 217.6210, -8.6872, -13.6996 looks on a white background.

Color Contrast Check

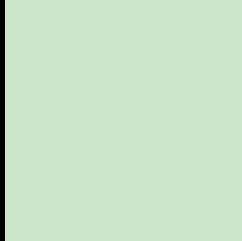
Large Text (above 18pt) WCAG AA × Fail

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 217.6210, -8.6872, -13.6996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

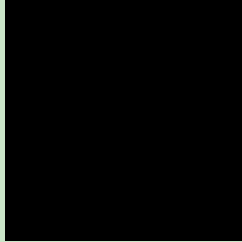
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

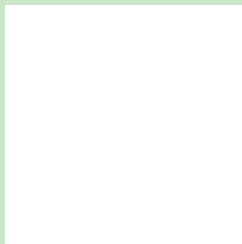
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.6210, -8.6872, -13.6996

Background



This preview shows how black text looks on a background with the YUV color 217.6210, -8.6872, -13.6996.



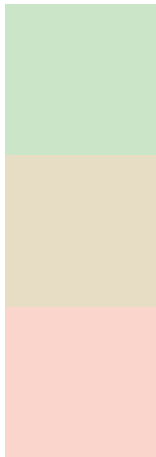
This preview shows how white text looks on a background with the YUV color 217.6210, -8.6872, -13.6996.

-13.6996.

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**

217.6210, -8.6872, -13.6996

Protanopia

221.1400, -12.3940, 8.6472

Deuteranopia

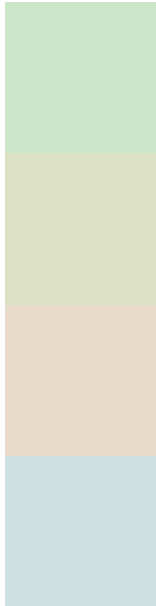
222.6240, -9.6746, 23.1318



Tritanopia

220.8660, 9.9261, -10.4065

Trichromacy



Original Color

217.6210, -8.6872, -13.6996

Protanomaly

219.7260, -11.2039, 0.2403

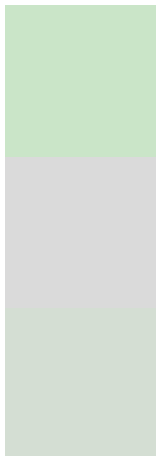
Deuteranomaly

220.9490, -9.3419, 9.6917

Tritanomaly

219.4330, 3.2375, -11.7807

Monochromacy



Original Color

217.6210, -8.6872, -13.6996

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.7560, -3.3307, -5.0480

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.6210, -8.6872, -13.6996 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(202, 229, 200)` looks like.

```
.text, #text, p{  
    color:rgb(202, 229, 200)  
}
```

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(202, 229, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 229, 200) }
```

Border

The CSS property to change the border of an element to YUV 217.6210, -8.6872, -13.6996 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(202, 229, 200) }
```


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

```
.border{ border-color:rgb(202, 229, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 229, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 229, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 229, 200);  
box-shadow:4px 4px 4px 4px rgb(202, 229,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 217.6210, -8.6872, -13.6996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 229, 200) }
```

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

```
.background{ background-color: rgb(202,  
229, 200) }
```

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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