

Converting Colors

YUV(217.8170, -9.2768,
-11.2405)

Have a look what the booklet for
YUV(217.8170, -9.2768, -11.2405)
contains.

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Color

**YUV(217.8170, -9.2768,
-11.2405)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE4C7
RGB	205, 228, 199
RGB Percent	80%, 89%, 78%
CMY	0.1961, 0.1059, 0.2196
CMYK	0.10, 0.00, 0.13, 0.11
HSL	108°, 35%, 84%
HSV	108°, 13%, 89%
XYZ	63.2290, 72.5895, 64.7115
YIQ	217.8170, -4.3990, -13.8950

Conversions

Conversions Part 2

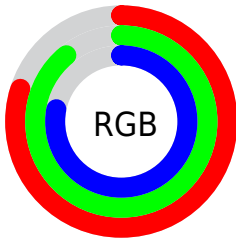
Format	Color
RYB	199, 228, 222
Decimal	13493447
CIELab	88.25, -12.88, 11.59
CIELCh	88, 17.329, 138.018
Yxy	72.5895, 0.3153, 0.3620
Android (android.graphics.Color)	4291683527 (0xFFCDE4C7)
YUV	217.8170, -9.2768, -11.2405
Hunter-Lab	85.1994, -16.6289, 14.6071

Details

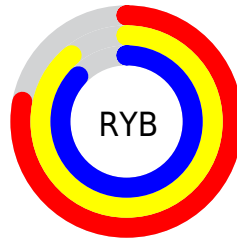
The YUV color $217.8170, -9.2768, -11.2405$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $209.1830, 9.2768, 11.2405$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $163.2300, -8.9874, -10.7257$ is the 20% darker color. If you saturate the color by 10%, you get $209.8130, -16.6698, -20.0070$, and if you desaturate by 10%, it is $225.8210, -1.8838, -2.4740$.

Distribution



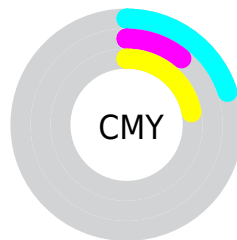
- Red (80%)
- Green (89%)
- Blue (78%)



- Red (78%)
- Yellow (89%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.8170, -9.2768, -11.2405 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 217.8170, -9.2768, -11.2405 by changing the saturation by 10% instead.

■ 217.8170, -9.2768,
-11.2405

■ 217.8170, -9.2768,
-11.2405

255.0000, 0.0000,
0.0000

■ 189.9310, -8.8400,
-11.3405

■ 163.2300, -8.9874,
-10.7257

■ 136.6430, -8.6980,
-10.2109

■ 111.1700, -7.9718,
-9.7961

■ 86.2840, -7.5350,
-9.8961

■ 63.2840, -7.5350,
-9.8961

■ 41.1100, -6.9562,

-8.8665

■ 19.5400, -9.1402,
-8.3666

■ 0.0000, 0.0000,
0.0000

■ 217.8170, -9.2768,
-11.2405

■ 217.8170, -9.2768,
-11.2405

■ 209.8130,
-16.6698, -20.0070

■ 225.8210, -1.8838,
-2.4740

■ 201.8090,
-24.0628, -28.7735

■ 233.8250, 5.5093,
6.2925

■ 193.9190,
-31.0191, -37.6400

■ 239.1510, 7.8136,
13.8996

■ 185.9150,
-38.4121, -46.4065

■ 177.9110,
-45.8051, -55.1729

■ 169.9070,
-53.1982, -63.9394

■ 161.6040,
-60.4438, -73.3207

■ 153.7140,
-67.4000, -82.1872

■ 147.8890,
-72.9093, -88.4797

Harmonies

Analogous

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



219.5370, -14.5617, 3.9141



217.8170, -9.2768, -11.2405



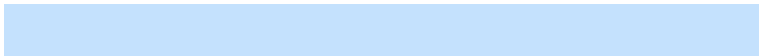
216.2050, -1.0871, -24.7358

Triad

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



217.8170, -9.2768, -11.2405



219.5210, 16.5051, -20.6279



223.6830, -5.7597, 27.4650

Complementary

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



217.8170, -9.2768, -11.2405



209.1830, 9.2768, 11.2405

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.



225.0120, 1.9661, 22.7915



217.8170, -9.2768, -11.2405



221.9790, 15.2934, -5.2436

Square

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



217.8170, -9.2768, -11.2405



216.7710, 13.9169, -30.4942



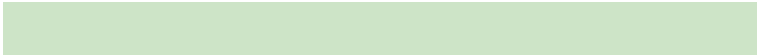
223.9980, 9.8610, 10.5258



223.2500, -12.4482, 26.0907

Rectangle

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



217.8170, -9.2768, -11.2405



215.3660, 4.7496, -30.1390



223.9980, 9.8610, 10.5258



224.2530, -3.5757, 26.9651

Sweetspot

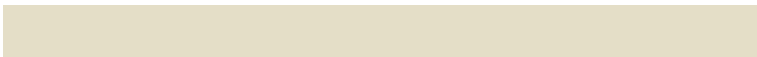
The Sweet Spot groups the original color and five complimentary colors.



217.8170, -9.2768, -11.2405



251.4680, -3.1887, -3.9184



221.1720, -10.9308, 5.9882



125.4080, -2.1731, -2.9888



0.0000, 0.0000, 0.0000



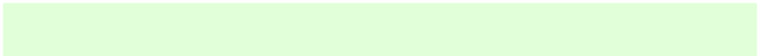
128.0000, 0.0000, 0.0000

Same Dimension

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



217.8170, -9.2768, -11.2405



241.6980, -12.1761, -14.6441



216.9350, -4.8980, -15.7290



110.9410, -3.9149, -4.3333



116.1360, -57.2550, -69.4023



33.2260, -16.3804, -19.4922

Inverse Universe

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



209.1830, 9.2768, 11.2405



230.3020, 12.1761, 14.6441



210.0650, 4.8980, 15.7290



107.0590, 3.9149, 4.3333



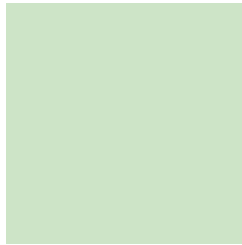
62.8640, 57.2550, 69.4023



17.7740, 16.3804, 19.4922

Previews

White Background



This preview shows how the YUV color 217.8170, -9.2768, -11.2405 looks on a white background.

Color Contrast Check

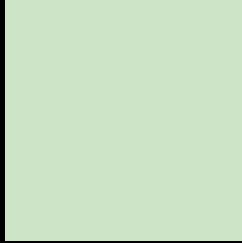
Large Text (above 18pt) WCAG AA × Fail

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 217.8170, -9.2768, -11.2405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

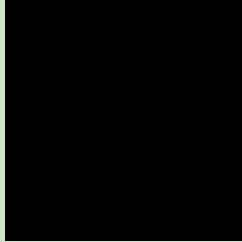
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

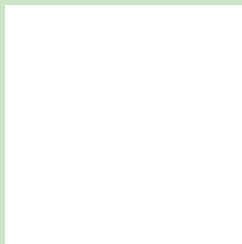
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.8170, -9.2768, -11.2405

Background



This preview shows how black text looks on a background with the YUV color 217.8170, -9.2768, -11.2405.



This preview shows how white text looks on a background with the YUV color 217.8170, -9.2768, -11.2405.

-11.2405.

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

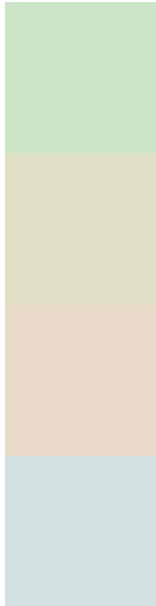
217.8170, -9.2768, -11.2405
220.4390, -12.5414, 9.2620
222.5100, -10.1114, 23.2317



Tritanopia

220.7630, 9.4838, -8.5622

Trichromacy



Original Color

217.8170, -9.2768, -11.2405

Protanomaly

219.6230, -11.6461, 2.0846

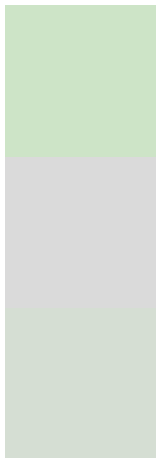
Deuteranomaly

220.5470, -9.6367, 10.9213

Tritanomaly

219.6290, 2.6479, -9.3216

Monochromacy



Original Color

217.8170, -9.2768, -11.2405

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.0550, -3.4781, -4.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.8170, -9.2768, -11.2405 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, 228, 199)` looks like.

```
.text, #text, p{  
    color:rgb(205, 228, 199)  
}
```

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, 228, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 228, 199) }
```

Border

The CSS property to change the border of an element to YUV 217.8170, -9.2768, -11.2405 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, 228, 199) }
```


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

```
.border{ border-color:rgb(205, 228, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 228, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 228, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 228, 199);  
box-shadow:4px 4px 4px 4px rgb(205, 228,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 217.8170, -9.2768, -11.2405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 228, 199) }
```

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

```
.background{ background-color: rgb(205,  
228, 199) }
```

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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