

Converting Colors

YUV(209.7790, -21.5830,
15.9798)

Have a look what the booklet for
YUV(209.7790, -21.5830, 15.9798)
contains.

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Color

**YUV(209.7790, -21.5830,
15.9798)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D1A6
RGB	228, 209, 166
RGB Percent	89%, 82%, 65%
CMY	0.1059, 0.1804, 0.3490
CMYK	0.00, 0.08, 0.27, 0.11
HSL	42°, 53%, 77%
HSV	42°, 27%, 89%
XYZ	61.6783, 64.8481, 45.3425
YIQ	209.7790, 25.1270, -9.3450

Conversions

Conversions Part 2

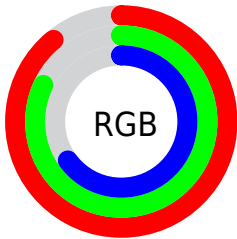
Format	Color
R _Y B	193, 228, 166
Decimal	14995878
CIE Lab	84.41, 0.10, 23.76
CIE LCh	84, 23.761, 89.762
Yxy	64.8481, 0.3589, 0.3773
Android (android.graphics.Color)	4293185958 (0xFFE4D1A6)
YUV	209.7790, -21.5830, 15.9798
Hunter-Lab	80.5283, -4.2077, 22.9858

Details

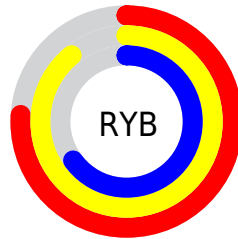
The YUV color $209.7790, -21.5830, 15.9798$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $184.2210, 21.5830, -15.9798$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1240, -14.8511, 3.3993$, and $155.4090, -20.4146, 14.5503$ is the 20% darker color. If you saturate the color by 10%, you get $203.0480, -29.6037, 21.8829$, and if you desaturate by 10%, it is $216.5100, -13.5624, 10.0767$.

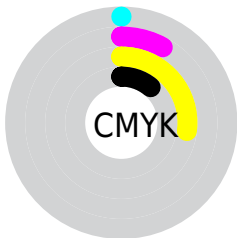
Distribution



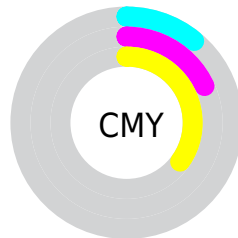
- Red (89%)
- Green (82%)
- Blue (65%)



- Red (76%)
- Yellow (89%)
- Blue (65%)



- Cyan (0%)
- Magenta (8%)
- Yellow (27%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.7790, -21.5830, 15.9798 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 209.7790, -21.5830, 15.9798 by changing the saturation by 10% instead.

■ 209.7790,
-21.5830, 15.9798

■ 209.7790,
-21.5830, 15.9798

■ 255.0000, 0.0000,
0.0000

■ 182.0070,
-20.7095, 15.7799

■ 251.1240,
-14.8511, 3.3993

■ 155.4090,
-20.4146, 14.5503

■ 254.4300, -2.1840,
0.4999

■ 129.2240,
-19.8304, 13.8356

■ 104.0390,
-19.2462, 13.1208

■ 79.6690, -18.0778,
11.6913

■ 56.4840, -17.4936,
10.9765

■ 34.2990, -16.9094,

10.2618

■ 15.0840, -7.4364,
5.1883

■ 0.0000, 0.0000,
0.0000

■ 209.7790,
-21.5830, 15.9798

■ 209.7790,
-21.5830, 15.9798

■ 203.0480,
-29.6037, 21.8829

■ 216.5100,
-13.5624, 10.0767

■ 196.3170,
-37.6243, 27.7860

■ 223.2410, -5.5418,
4.1736

■ 189.7000,
-45.2081, 33.5891

■ 229.8580, 2.0420,
-1.6295

■ 182.9690,
-53.2287, 39.4922

■ 236.3610, 9.1890,
-7.3326

■ 176.2380,
-61.2493, 45.3953

■ 240.4700, 7.1633,
-10.9362

■ 169.5070,
-69.2700, 51.2984

■ 244.5790, 5.1376,
-14.5398

■ 162.7760,
-77.2906, 57.2014

■ 246.9270, 3.9800,
-16.5990

■ 160.9180,
-79.3326, 58.8309

Harmonies

Analogous

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



212.1490, -19.3005, 30.5643



209.7790, -21.5830, 15.9798



207.2820, -17.8870, -2.8783

Triad

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



209.7790, -21.5830, 15.9798



201.9000, 14.8393, -46.3933



214.6620, 9.5336, 22.2214

Complementary

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



209.7790, -21.5830, 15.9798



184.2210, 21.5830, -15.9798

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.



212.7070, 17.8924, 1.1340



209.7790, -21.5830, 15.9798



204.4800, 21.9484, -39.8860

Square

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



209.7790, -21.5830, 15.9798



201.7840, 4.0505, -39.2756



209.1170, 22.6203, -22.0276



214.5790, -1.2714, 34.5722

Rectangle

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



209.7790, -21.5830, 15.9798



205.3880, -12.0233, -17.0033



209.1170, 22.6203, -22.0276



214.1280, 12.7549, 15.6737

Sweetspot

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



209.7790, -21.5830, 15.9798



249.1980, -6.9996, 5.0884



186.8180, -0.4033, 36.1166



124.1700, -4.5208, 3.3589



0.0000, 0.0000, 0.0000



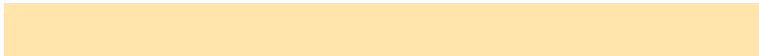
128.0000, 0.0000, 0.0000

Same Dimension

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



209.7790, -21.5830, 15.9798



230.1620, -29.1669, 21.7829



217.6430, -25.4600, -0.5639



111.2840, -4.0840, 3.2589



126.3090, -62.2703, 46.2100



35.7940, -17.6464, 13.3357

Inverse Universe

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



184.2210, 21.5830, -15.9798



195.8380, 29.1669, -21.7829



176.3570, 25.4600, 0.5639



106.7160, 4.0840, -3.2589



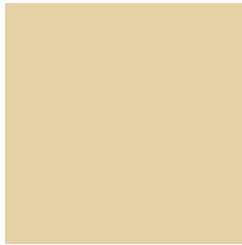
52.6910, 62.2703, -46.2100



15.2060, 17.6464, -13.3357

Previews

White Background



This preview shows how the YUV color 209.7790, -21.5830, 15.9798 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 209.7790, -21.5830, 15.9798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

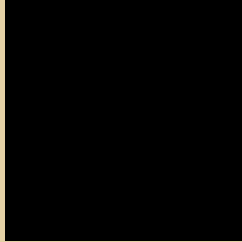
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.7790, -21.5830, 15.9798

Background



This preview shows how black text looks on a background with the YUV color 209.7790, -21.5830, 15.9798.

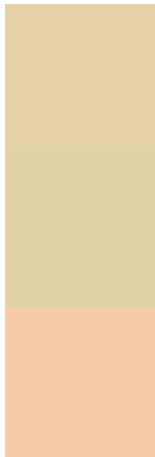


This preview shows how white text looks on a background with the YUV color 209.7790, -21.5830, 15.9798.

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

209.7790, -21.5830, 15.9798

Protanopia

209.2840, -20.8460, 12.9059

Deuteranopia

211.1660, -21.7738, 30.5494



Tritanopia

213.3920, 2.2717, 18.0732

Trichromacy



Original Color

209.7790, -21.5830, 15.9798

Protanomaly

209.5830, -20.9934, 13.5207

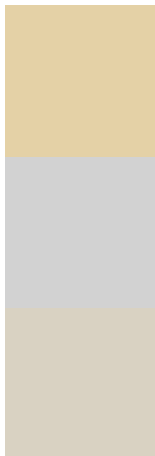
Deuteranomaly

210.8340, -21.6102, 24.7016

Tritanomaly

212.3890, -6.6008, 17.1988

Monochromacy



Original Color

209.7790, -21.5830, 15.9798

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.2690, -8.0206, 5.9031

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.7790, -21.5830, 15.9798 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(228, 209, 166)` looks like.

```
.text, #text, p{  
    color:rgb(228, 209, 166)  
}
```

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(228, 209, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 209, 166) }
```

Border

The CSS property to change the border of an element to YUV 209.7790, -21.5830, 15.9798 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(228, 209, 166) }
```


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

```
.border{ border-color:rgb(228, 209, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 209, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 209, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 209, 166);  
box-shadow:4px 4px 4px 4px rgb(228, 209,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 209.7790, -21.5830, 15.9798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 209, 166) }
```

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

```
.background{ background-color: rgb(228,  
209, 166) }
```

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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