

Converting Colors

YUV(217.2000, -0.0986,
-15.0844)

Have a look what the booklet for
YUV(217.2000, -0.0986, -15.0844)
contains.

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Color

**YUV(217.2000, -0.0986,
-15.0844)**

Conversions

Conversions Part 1

Format	Color
Hex	C8E2D9
RGB	200, 226, 217
RGB Percent	78%, 89%, 85%
CMY	0.2157, 0.1137, 0.1490
CMYK	0.12, 0.00, 0.04, 0.11
HSL	159°, 31%, 84%
HSV	159°, 12%, 89%
XYZ	63.5402, 71.6818, 76.1327
YIQ	217.2000, -12.6070, -8.3110

Conversions

Conversions Part 2

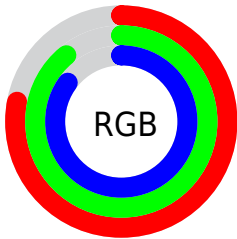
Format	Color
RYB	200, 216, 226
Decimal	13165273
CIELab	87.82, -10.29, 1.48
CIELCh	88, 10.392, 171.827
Yxy	71.6818, 0.3006, 0.3392
Android (android.graphics.Color)	4291355353 (0xFFC8E2D9)
YUV	217.2000, -0.0986, -15.0844
Hunter-Lab	84.6651, -14.2018, 5.9507

Details

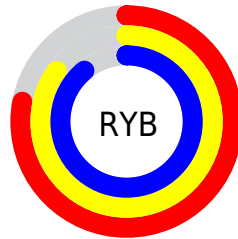
The YUV color $217.2000, -0.0986, -15.0844$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $208.8000, 0.0986, 15.0844$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $162.4990, -0.2460, -14.4696$ is the 20% darker color. If you saturate the color by 10%, you get $209.4110, -0.2026, -28.4244$, and if you desaturate by 10%, it is $224.9890, 0.0054, -1.7444$.

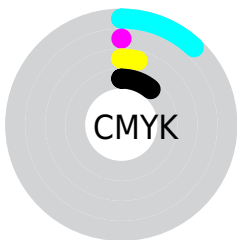
Distribution



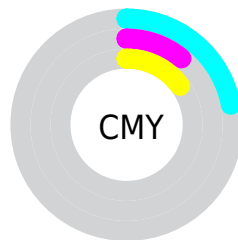
- Red (78%)
- Green (89%)
- Blue (85%)



- Red (78%)
- Yellow (85%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.2000, -0.0986, -15.0844 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 217.2000, -0.0986, -15.0844 by changing the saturation by 10% instead.

■ 217.2000, -0.0986,
-15.0844

■ 217.2000, -0.0986,
-15.0844

255.0000, 0.0000,
0.0000

■ 189.4990, -0.2460,
-14.4696

■ 162.4990, -0.2460,
-14.4696

■ 135.9120, 0.0434,
-13.9548

■ 110.3250, 0.3328,
-13.4400

■ 86.2110, -0.1040,
-13.3400

■ 62.6240, 0.1854,
-12.8252

■ 40.9230, 0.0380,

-12.2105

■ 19.1400, 0.9170,
-14.1548

■ 0.0000, 0.0000,
0.0000

■ 217.2000, -0.0986,
-15.0844

■ 217.2000, -0.0986,
-15.0844

■ 209.4110, -0.2026,
-28.4244

■ 224.9890, 0.0054,
-1.7444

■ 201.9210, -0.4541,
-41.1497

■ 232.4790, 0.2569,
10.9809

■ 194.2460, -0.1213,
-54.5897

■ 236.2670, 1.8404,
16.4288

■ 186.7560, -0.3727,
-67.3150

■ 237.1790, 5.3348,
15.6290

■ 178.9670, -0.4767,
-80.6551

■ 237.9770, 8.3923,
14.9292

■ 171.1780, -0.5808,
-93.9951

■ 163.6880, -0.8322,
-106.7204

■ 155.8990, -0.9362,
-120.0604

■ 149.5340, -0.7563,
-131.1413

Harmonies

Analogous

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



217.6910, -4.7777, -7.6220



217.2000, -0.0986, -15.0844



217.1440, 4.8590, -18.5433

Triad

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



217.2000, -0.0986, -15.0844



221.1660, 8.2992, -1.8996



221.6230, -8.1951, 15.2396

Complementary

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



217.2000, -0.0986, -15.0844



208.8000, 0.0986, 15.0844

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.



222.2580, -4.5642, 17.3137



217.2000, -0.0986, -15.0844



222.3090, 4.7777, 7.6220

Square

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



217.2000, -0.0986, -15.0844



219.4530, 9.6367, -10.9213



222.5010, 0.2460, 14.4696



220.5360, -9.6312, 9.1769

Rectangle

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



217.2000, -0.0986, -15.0844



217.5400, 7.6218, -18.0136



222.5010, 0.2460, 14.4696



221.8620, -7.3270, 16.7840

Sweetspot

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



217.2000, -0.0986, -15.0844



252.2660, -0.1311, -4.6183



217.9530, -8.8508, -7.8518



125.9780, 0.0108, -3.4887



0.0000, 0.0000, 0.0000



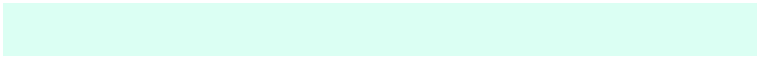
128.0000, 0.0000, 0.0000

Same Dimension

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



217.2000, -0.0986, -15.0844



242.8680, 0.0651, -20.9322



215.8780, 4.9901, -13.9250



108.2550, -0.1257, -6.3626



116.4220, -0.7010, -102.1021



31.8240, 0.0868, -27.9096

Inverse Universe

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



208.8000, 0.0986, 15.0844



231.2460, 0.3717, 20.8323



210.1220, -4.9901, 13.9250



104.7450, 0.1257, 6.3626



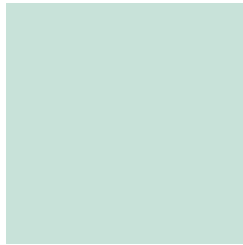
59.5780, 0.7010, 102.1021



16.2900, 0.3500, 27.8097

Previews

White Background



This preview shows how the YUV color 217.2000, -0.0986, -15.0844 looks on a white background.

Color Contrast Check

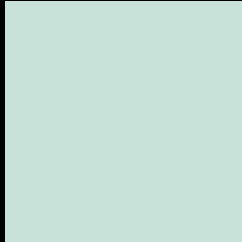
Large Text (above 18pt) WCAG AA × Fail

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 217.2000, -0.0986, -15.0844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

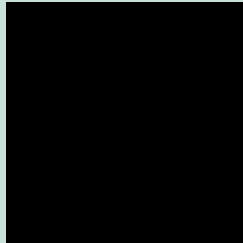
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

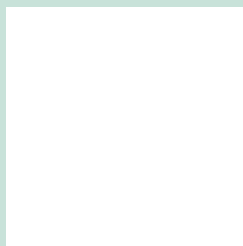
Any Text WCAG AAA ✓ Pass

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

YUV 217.2000, -0.0986, -15.0844 Background



This preview shows how black text looks on a background with the YUV color 217.2000, -0.0986, -15.0844.



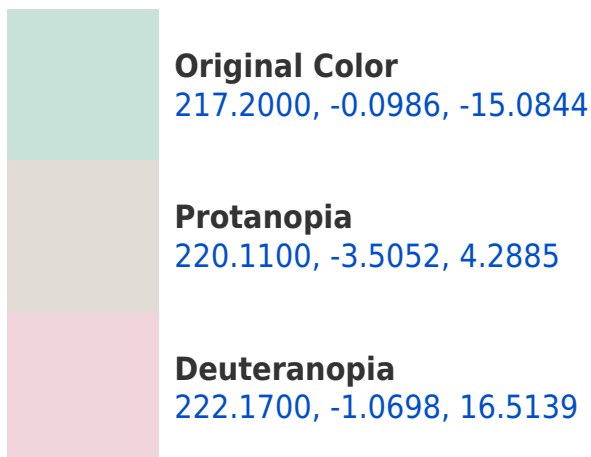
This preview shows how white text looks on a background with the YUV color 217.2000, -0.0986, -15.0844.

-15.0844.

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

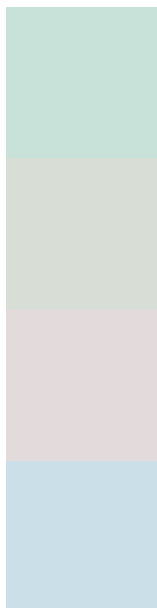




Tritanopia

218.6700, 10.5157, -12.8656

Trichromacy



Original Color

217.2000, -0.0986, -15.0844

Protanomaly

219.2940, -2.6099, -2.8888

Deuteranomaly

220.5060, -0.7425, 4.8182

Tritanomaly

218.0460, 6.8793, -13.1953

Monochromacy



Original Color

217.2000, -0.0986, -15.0844

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.9670, 0.0163, -5.2331

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.2000, -0.0986, -15.0844 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(200, 226, 217)` looks like.

```
.text, #text, p{  
    color:rgb(200, 226, 217)  
}
```

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(200, 226, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 226, 217) }
```

Border

The CSS property to change the border of an element to YUV 217.2000, -0.0986, -15.0844 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(200, 226, 217) }
```


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

```
.border{ border-color:rgb(200, 226, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 226, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 226, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 226, 217);  
box-shadow:4px 4px 4px 4px rgb(200, 226,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 217.2000, -0.0986, -15.0844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 226, 217) }
```

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

```
.background{ background-color: rgb(200,  
226, 217) }
```

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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