

Converting Colors

YUV(196.2870, -11.9735,
13.7803)

Have a look what the booklet for
YUV(196.2870, -11.9735, 13.7803)
contains.

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Color

**YUV(196.2870, -11.9735,
13.7803)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C1AC
RGB	212, 193, 172
RGB Percent	83%, 76%, 67%
CMY	0.1686, 0.2431, 0.3255
CMYK	0.00, 0.09, 0.19, 0.17
HSL	31°, 32%, 75%
HSV	31°, 19%, 83%
XYZ	53.6677, 55.1155, 46.8395
YIQ	196.2870, 18.0650, -2.5030

Conversions

Conversions Part 2

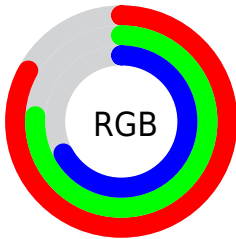
Format	Color
R_{YB}	208, 212, 172
Decimal	13943212
CIE Lab	79.11, 3.32, 13.00
CIE LCh	79, 13.417, 75.685
Yxy	55.1155, 0.3449, 0.3542
Android (android.graphics.Color)	4292133292 (0xFFD4C1AC)
YUV	196.2870, -11.9735, 13.7803
Hunter-Lab	74.2398, -0.8826, 14.5606

Details

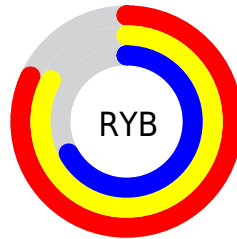
The YUV color $196.2870, -11.9735, 13.7803$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $187.7130, 11.9735, -13.7803$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.2860, -10.4940, 5.8882$, and $142.8030, -11.2419, 12.4508$ is the 20% darker color. If you saturate the color by 10%, you get $188.0230, -18.2523, 21.0278$, and if you desaturate by 10%, it is $204.5510, -5.6946, 6.5328$.

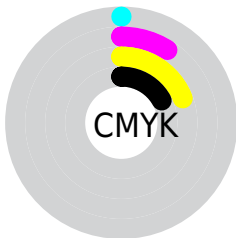
Distribution



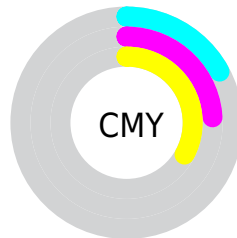
- Red (83%)
- Green (76%)
- Blue (67%)



- Red (82%)
- Yellow (83%)
- Blue (67%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (17%)



- Cyan (17%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.2870, -11.9735, 13.7803 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 196.2870, -11.9735, 13.7803 by changing the saturation by 10% instead.

■ 196.2870,
-11.9735, 13.7803

■ 196.2870,
-11.9735, 13.7803

255.0000, 0.0000,
0.0000

■ 168.9880,
-11.8261, 13.1655

■ 248.2860,
-10.4940, 5.8882

■ 142.8030,
-11.2419, 12.4508

■ 116.9170,
-10.8051, 12.3508

■ 92.3190, -10.5103,
11.1212

■ 68.5470, -9.6367,
10.9213

■ 46.0630, -8.9051,
9.5917

■ 25.0800, -11.3784,

9.5768

■ 0.0000, 0.0000,
0.0000

■ 196.2870,
-11.9735, 13.7803

■ 196.2870,
-11.9735, 13.7803

■ 188.0230,
-18.2523, 21.0278

■ 204.5510, -5.6946,
6.5328

■ 179.7590,
-24.5312, 28.2754

■ 212.8150, 0.5842,
-0.7148

■ 171.3810,
-31.2468, 35.6229

■ 221.1930, 7.2999,
-8.0623

■ 163.1170,
-37.5257, 42.8704

■ 229.2290, 12.7051,
-15.1098

■ 154.8530,
-43.8045, 50.1179

■ 235.0990, 9.8112,
-20.2578

■ 146.5890,
-50.0834, 57.3654

■ 240.9690, 6.9173,
-25.4058

■ 138.3250,
-56.3622, 64.6130

■ 242.1430, 6.3385,
-26.4354

■ 129.3600,
-62.7885, 72.4753

■ 128.5450,
-63.3727, 73.1900

Harmonies

Analogous

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



197.4280, -9.0850, 20.6726



196.2870, -11.9735, 13.7803



194.7480, -11.2148, 3.7290

Triad

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



196.2870, -11.9735, 13.7803



191.5240, 5.1647, -23.2615



197.9930, 7.3985, 7.0221

Complementary

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



196.2870, -11.9735, 13.7803



187.7130, 11.9735, -13.7803

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.



196.6540, 11.5096, -4.9586



196.2870, -11.9735, 13.7803



192.4900, 10.1114, -23.2317

Square

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



196.2870, -11.9735, 13.7803



192.1350, -1.5456, -17.6584



194.5170, 12.5631, -16.2394



198.5660, 1.6930, 17.0436

Rectangle

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



196.2870, -11.9735, 13.7803



193.8610, -9.2985, -4.2631



194.5170, 12.5631, -16.2394



197.4270, 9.1565, 3.1335

Sweetspot

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



196.2870, -11.9735, 13.7803



249.1810, -4.5262, 5.1033



186.1260, 2.4029, 22.6915



124.0390, -2.4842, 3.4738



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.



196.2870, -11.9735, 13.7803



231.8380, -17.6681, 20.3131



207.1410, -17.3245, 3.3843



102.8110, -3.3578, 3.6738



103.9590, -51.2518, 58.7950



26.3580, -12.9945, 14.5950

Inverse Universe

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



187.7130, 11.9735, -13.7803



219.1620, 17.6681, -20.3131



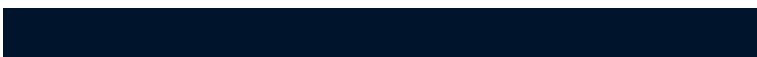
176.8590, 17.3245, -3.3843



100.1890, 3.3578, -3.6738



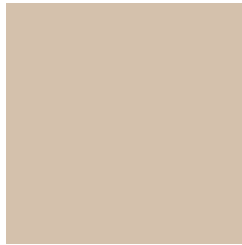
67.0410, 51.2518, -58.7950



17.2290, 12.7051, -15.1098

Previews

White Background



This preview shows how the YUV color 196.2870, -11.9735, 13.7803 looks on a white background.

Color Contrast Check

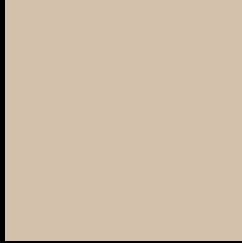
Large Text (above 18pt) WCAG AA × Fail

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 196.2870, -11.9735, 13.7803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

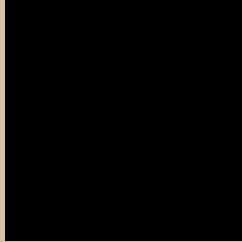
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

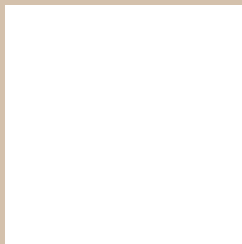
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 196.2870, -11.9735, 13.7803

Background



This preview shows how black text looks on a background with the YUV color 196.2870, -11.9735, 13.7803.



This preview shows how white text looks on a background with the YUV color 196.2870, -11.9735, 13.7803.

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

196.2870, -11.9735, 13.7803

Protanopia

195.4820, -11.0836, 8.3473

Deuteranopia

197.3420, -12.0006, 22.5021



Tritanopia

198.0820, 2.4246, 15.7141

Trichromacy



Original Color

196.2870, -11.9735, 13.7803

Protanomaly

195.7920, -11.2365, 10.7064

Deuteranomaly

196.7330, -11.7004, 19.5282

Tritanomaly

197.7030, -2.8116, 15.1695

Monochromacy



Original Color

196.2870, -11.9735, 13.7803

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.1810, -4.5262, 5.1033

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.2870, -11.9735, 13.7803 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(212, 193, 172)` looks like.

```
.text, #text, p{  
    color:rgb(212, 193, 172)  
}
```

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(212, 193, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 193, 172) }
```

Border

The CSS property to change the border of an element to YUV 196.2870, -11.9735, 13.7803 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(212, 193, 172) }
```


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

```
.border{ border-color:rgb(212, 193, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 193, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 193, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 193, 172);  
box-shadow:4px 4px 4px 4px rgb(212, 193,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 196.2870, -11.9735, 13.7803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 193, 172) }
```

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

```
.background{ background-color: rgb(212,  
193, 172) }
```

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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