

Converting Colors

YUV(206.6830, -12.6617,
1.1550)

Have a look what the booklet for
YUV(206.6830, -12.6617, 1.1550)
contains.

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Color

**YUV(206.6830, -12.6617,
1.1550)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D3B5
RGB	208, 211, 181
RGB Percent	82%, 83%, 71%
CMY	0.1843, 0.1725, 0.2902
CMYK	0.01, 0.00, 0.14, 0.17
HSL	66°, 25%, 77%
HSV	66°, 14%, 83%
XYZ	57.6472, 63.3346, 52.9025
YIQ	206.6830, 7.8420, -9.9660

Conversions

Conversions Part 2

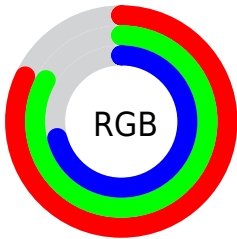
Format	Color
R_{YB}	181, 211, 184
Decimal	13685685
CIE _{Lab}	83.62, -6.15, 14.53
CIE _{LCh}	84, 15.774, 112.954
Yxy	63.3346, 0.3315, 0.3642
Android (android.graphics.Color)	4291875765 (0xFFD0D3B5)
YUV	206.6830, -12.6617, 1.1550
Hunter-Lab	79.5831, -9.9712, 16.2953

Details

The YUV color $206.6830, -12.6617, 1.1550$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $185.3170, 12.6617, -1.1550$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.9480, -7.8624, 1.7996$, and $152.4980, -12.0775, 0.4403$ is the 20% darker color. If you saturate the color by 10%, you get $203.6910, -21.5397, 2.0250$, and if you desaturate by 10%, it is $209.6750, -3.7838, 0.2850$.

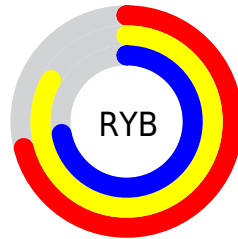
Distribution



Red (82%)

Green (83%)

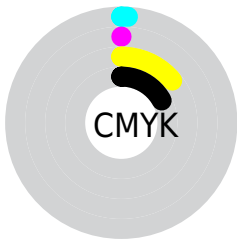
Blue (71%)



Red (71%)

Yellow (83%)

Blue (72%)

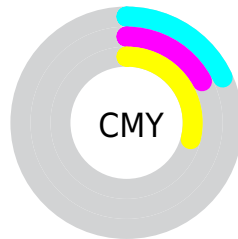


Cyan (1%)

Magenta (0%)

Yellow (14%)

Black (17%)



Cyan (18%)

Magenta (17%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.6830, -12.6617, 1.1550 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 206.6830, -12.6617, 1.1550 by changing the saturation by 10% instead.

■ 206.6830,
-12.6617, 1.1550

■ 206.6830,
-12.6617, 1.1550

255.0000, 0.0000,
0.0000

■ 178.7970,
-12.2249, 1.0550

■ 252.9480, -7.8624,
1.7996

■ 152.4980,
-12.0775, 0.4403

■ 126.0250,
-11.3513, 0.8551

■ 101.1390,
-10.9145, 0.7551

■ 77.2530, -10.4777,
0.6551

■ 54.3670, -10.0409,
0.5551

■ 33.0680, -9.8935,

-0.0596

■ 10.5880, -5.2199,
-5.7777

■ 0.0000, 0.0000,
0.0000

■ 206.6830,
-12.6617, 1.1550

■ 206.6830,
-12.6617, 1.1550

■ 203.6910,
-21.5397, 2.0250

■ 209.6750, -3.7838,
0.2850

■ 200.6990,
-30.4176, 2.8950

■ 212.6670, 5.0942,
-0.5850

■ 197.7070,
-39.2956, 3.7650

■ 215.6590, 13.9721,
-1.4549

■ 194.7150,
-48.1735, 4.6349

■ 217.5110, 18.4821,
-1.3251

■ 191.4240,
-56.9040, 4.8902

■ 218.4080, 18.0399,
0.5192

■ 188.3180,
-66.2188, 5.8601

■ 219.0060, 17.7450,
1.7487

■ 185.3260,
-75.0967, 6.7301

■ 219.6040, 17.4502,
2.9783

■ 182.3340,
-83.9747, 7.6001

■ 220.2020, 17.1554,
4.2078

■ 180.6670,
-89.0688, 8.1850

■ 220.8000, 16.8606,
5.4374

Harmonies

Analogous

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



208.3040, -14.4469, 13.7654



206.6830, -12.6617, 1.1550



204.9740, -7.3822, -12.2552

Triad

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



206.6830, -12.6617, 1.1550



204.6790, 13.4693, -26.9055



211.9580, 0.5137, 21.9618

Complementary

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



206.6830, -12.6617, 1.1550



185.3170, 12.6617, -1.1550

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.



211.0260, 7.3822, 12.2552



206.6830, -12.6617, 1.1550



207.0870, 14.7471, -16.7393

Square

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



206.6830, -12.6617, 1.1550



203.1750, 7.8017, -29.0945



209.7190, 12.9565, -2.3846



211.0310, -6.9173, 25.4058

Rectangle

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



206.6830, -12.6617, 1.1550



204.1840, -2.5557, -20.3324



209.7190, 12.9565, -2.3846



211.2180, 2.8505, 19.1028

Sweetspot

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



206.6830, -12.6617, 1.1550



253.5610, -4.2206, 0.3850



191.7310, -5.2904, 16.8989



126.9030, -2.9102, 0.0851



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.



206.6830, -12.6617, 1.1550



248.9020, -18.1927, 1.8399



202.4970, -10.5980, -7.4519



103.4470, -4.6574, 0.4850



143.7650, -70.8761, 6.3451



35.1300, -17.3191, 1.6400

Inverse Universe

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



185.3170, 12.6617, -1.1550



218.0980, 18.1927, -1.8399



189.8020, 10.4506, 8.0666



95.5530, 4.6574, -0.4850



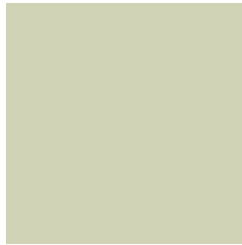
24.2350, 70.8761, -6.3451



5.8700, 17.3191, -1.6400

Previews

White Background



This preview shows how the YUV color 206.6830, -12.6617, 1.1550 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 206.6830, -12.6617, 1.1550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

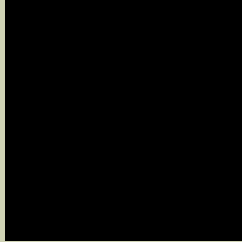
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

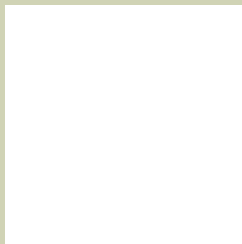
Any Text WCAG AAA ✓ Pass

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

YUV 206.6830, -12.6617, 1.1550 Background



This preview shows how black text looks on a background with the YUV color 206.6830, -12.6617, 1.1550.



This preview shows how white text looks on a background with the YUV color 206.6830, -12.6617, 1.1550.

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

206.6830, -12.6617, 1.1550

Protanopia

207.9830, -14.2886, 9.6619

Deuteranopia

209.7120, -13.1690, 23.9316



Tritanopia

209.5150, 5.6621, 3.9333

Trichromacy



Original Color

206.6830, -12.6617, 1.1550

Protanomaly

207.4880, -13.5516, 6.5880

Deuteranomaly

208.6570, -13.1419, 15.2098

Tritanomaly

208.3810, -1.1738, 3.1739

Monochromacy



Original Color

206.6830, -12.6617, 1.1550

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

206.5610, -4.2206, 0.3850

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.6830, -12.6617, 1.1550 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(208, 211, 181)` looks like.

```
.text, #text, p{  
    color:rgb(208, 211, 181)  
}
```

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(208, 211, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 211, 181) }
```

Border

The CSS property to change the border of an element to YUV 206.6830, -12.6617, 1.1550 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(208, 211, 181) }
```


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

```
.border{ border-color:rgb(208, 211, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 211, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 211, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 211, 181);  
box-shadow:4px 4px 4px 4px rgb(208, 211,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 206.6830, -12.6617, 1.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 211, 181) }
```

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

```
.background{ background-color: rgb(208,  
211, 181) }
```

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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