

Converting Colors

YUV(192.2130, -19.8250,
12.0912)

Have a look what the booklet for
YUV(192.2130, -19.8250, 12.0912)
contains.

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Color

**YUV(192.2130, -19.8250,
12.0912)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC198
RGB	206, 193, 152
RGB Percent	81%, 76%, 60%
CMY	0.1922, 0.2431, 0.4039
CMYK	0.00, 0.06, 0.26, 0.19
HSL	46°, 36%, 70%
HSV	46°, 26%, 81%
XYZ	50.1911, 53.5287, 37.3925
YIQ	192.2130, 20.9090, -9.9950

Conversions

Conversions Part 2

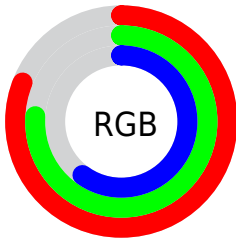
Format	Color
R_{YB}	169, 206, 152
Decimal	13549976
CIE _{Lab}	78.19, -1.83, 22.33
CIE _{LCh}	78, 22.408, 94.695
Yxy	53.5287, 0.3557, 0.3793
Android (android.graphics.Color)	4291740056 (0xFFCEC198)
YUV	192.2130, -19.8250, 12.0912
Hunter-Lab	73.1633, -5.5824, 20.9123

Details

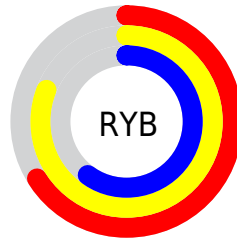
The YUV color **192.2130, -19.8250, 12.0912** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **165.7870, 19.8250, -12.0912**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.8920, -19.6668, 7.9877**, and **138.8430, -18.6566, 10.6617** is the 20% darker color. If you saturate the color by 10%, you get **186.8840, -27.5508, 16.7647**, and if you desaturate by 10%, it is **197.5420, -12.0992, 7.4177**.

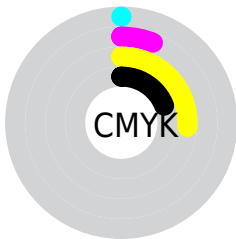
Distribution



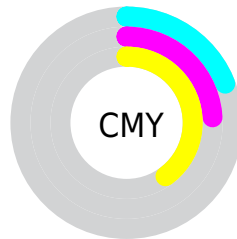
- Red (81%)
- Green (76%)
- Blue (60%)



- Red (66%)
- Yellow (81%)
- Blue (60%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (19%)



- Cyan (19%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.2130, -19.8250, 12.0912 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 192.2130, -19.8250, 12.0912 by changing the saturation by 10% instead.

■ 192.2130,
-19.8250, 12.0912

■ 192.2130,
-19.8250, 12.0912

255.0000, 0.0000,
0.0000

■ 165.0280,
-19.2408, 11.3764

■ 245.8920,
-19.6668, 7.9877

■ 138.8430,
-18.6566, 10.6617

■ 252.7200, -8.7360,
1.9996

■ 113.0710,
-17.7830, 10.4617

■ 88.4730, -17.4882,
9.2322

■ 64.7010, -16.6146,
9.0322

■ 42.1030, -16.3198,
7.8027

■ 22.7590, -11.2202,

5.4734

■ 0.0000, 0.0000,
0.0000

■ 192.2130,
-19.8250, 12.0912

■ 192.2130,
-19.8250, 12.0912

■ 186.8840,
-27.5508, 16.7647

■ 197.5420,
-12.0992, 7.4177

■ 181.6690,
-34.8398, 21.3383

■ 202.7570, -4.8102,
2.8441

■ 176.3400,
-42.5656, 26.0118

■ 208.0860, 2.9156,
-1.8294

■ 171.1250,
-49.8546, 30.5854

■ 213.3010, 10.2046,
-6.4030

■ 165.7960,
-57.5804, 35.2589

■ 218.6300, 17.9304,
-11.0765

■ 160.4670,
-65.3062, 39.9324

■ 221.5650, 16.4835,
-13.6505

■ 155.2520,
-72.5952, 44.5060

■ 224.5000, 15.0365,
-16.2245

■ 153.1660,
-75.5108, 46.3354

■ 227.4350, 13.5895,
-18.7985

■ 230.3700, 12.1426,
-21.3725

Harmonies

Analogous

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



194.2410, -18.8528, 26.9756



192.2130, -19.8250, 12.0912



189.6560, -15.1134, -5.8373

Triad

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



192.2130, -19.8250, 12.0912



185.0360, 15.2653, -43.0046



197.0920, 7.3496, 22.7213

Complementary

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



192.2130, -19.8250, 12.0912



165.7870, 19.8250, -12.0912

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.



195.8600, 15.8450, 4.5078



192.2130, -19.8250, 12.0912



188.1710, 20.6217, -34.3530

Square

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



192.2130, -19.8250, 12.0912



184.8380, 5.5029, -38.4459



192.5800, 20.4201, -16.2947



197.1120, -3.0132, 33.2278

Rectangle

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



192.2130, -19.8250, 12.0912



187.7730, -9.2551, -18.2179



192.5800, 20.4201, -16.2947



197.1560, 10.2761, 17.4032

Sweetspot

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



192.2130, -19.8250, 12.0912



249.7850, -7.2890, 4.5736



169.7420, -1.8448, 31.7983



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.



192.2130, -19.8250, 12.0912



234.8410, -29.0086, 17.6794



195.9570, -21.6708, -2.5933



99.6860, -3.7892, 2.0294



123.5960, -60.9328, 37.1883



28.3850, -13.9938, 8.4324

Inverse Universe

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



165.7870, 19.8250, -12.0912



196.1590, 29.0086, -17.6794



162.3420, 21.5234, 3.2081



94.3140, 3.7892, -2.0294



42.4040, 60.9328, -37.1883



9.6150, 13.9938, -8.4324

Previews

White Background



This preview shows how the YUV color 192.2130, -19.8250, 12.0912 looks on a white background.

Color Contrast Check

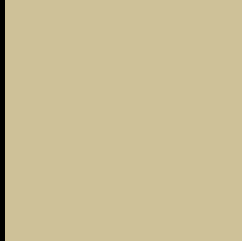
Large Text (above 18pt) WCAG AA × Fail

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 192.2130, -19.8250, 12.0912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

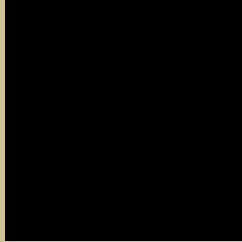
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 192.2130, -19.8250, 12.0912

Background



This preview shows how black text looks on a background with the YUV color 192.2130, -19.8250, 12.0912.

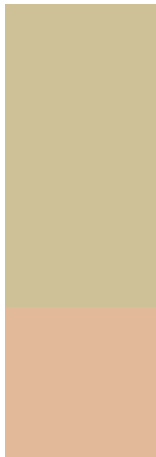


This preview shows how white text looks on a background with the YUV color 192.2130, -19.8250, 12.0912.

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

192.2130, -19.8250, 12.0912

Protanopia

192.2130, -19.8250, 12.0912

Deuteranopia

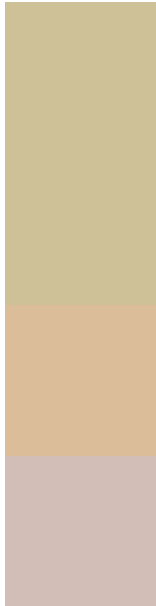
194.1980, -20.3106, 27.8904



Tritanopia

195.4840, 2.7194, 14.4845

Trichromacy



Original Color

192.2130, -19.8250, 12.0912

Protanomaly

192.2130, -19.8250, 12.0912

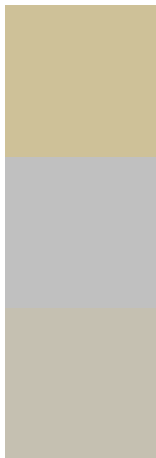
Deuteranomaly

193.8660, -20.1469, 22.0425

Tritanomaly

194.5950, -5.7163, 13.5102

Monochromacy



Original Color

192.2130, -19.8250, 12.0912

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.7850, -7.2890, 4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.2130, -19.8250, 12.0912 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(206, 193, 152)` looks like.

```
.text, #text, p{  
    color:rgb(206, 193, 152)  
}
```

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(206, 193, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 193, 152) }
```

Border

The CSS property to change the border of an element to YUV 192.2130, -19.8250, 12.0912 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(206, 193, 152) }
```


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

```
.border{ border-color:rgb(206, 193, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 193, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 193, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 193, 152);  
box-shadow:4px 4px 4px 4px rgb(206, 193,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 192.2130, -19.8250, 12.0912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 193, 152) }
```

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

```
.background{ background-color: rgb(206,  
193, 152) }
```

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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