

Converting Colors

YUV(193.7000, -31.8971,
10.7871)

Have a look what the booklet for
YUV(193.7000, -31.8971, 10.7871)
contains.

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Color

**YUV(193.7000, -31.8971,
10.7871)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC881
RGB	206, 200, 129
RGB Percent	81%, 78%, 51%
CMY	0.1922, 0.2157, 0.4941
CMYK	0.00, 0.03, 0.37, 0.19
HSL	55°, 44%, 66%
HSV	55°, 37%, 81%
XYZ	50.0703, 56.0153, 28.9419
YIQ	193.7000, 26.3670, -20.8090

Conversions

Conversions Part 2

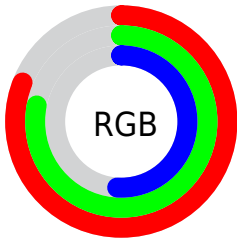
Format	Color
R _Y B	136, 206, 129
Decimal	13551745
CIE Lab	79.62, -8.35, 36.27
CIE LCh	80, 37.222, 102.963
Yxy	56.0153, 0.3708, 0.4148
Android (android.graphics.Color)	4291741825 (0xFFCEC881)
YUV	193.7000, -31.8971, 10.7871
Hunter-Lab	74.8434, -11.5592, 29.4629

Details

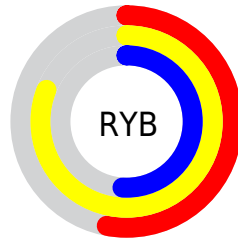
The YUV color **193.7000, -31.8971, 10.7871** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **141.3000, 31.8971, -10.7871**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.7920, -31.4495, 7.1984**, and **139.4440, -30.2919, 9.2576** is the 20% darker color. If you saturate the color by 10%, you get **190.1320, -40.4911, 13.9162**, and if you desaturate by 10%, it is **197.2680, -23.3031, 7.6580**.

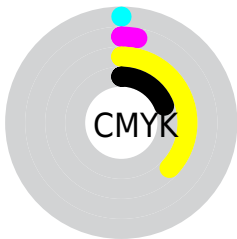
Distribution



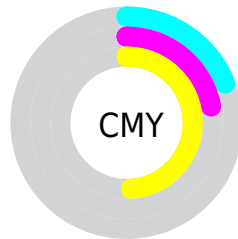
- Red (81%)
- Green (78%)
- Blue (51%)



- Red (53%)
- Yellow (81%)
- Blue (51%)



- Cyan (0%)
- Magenta (3%)
- Yellow (37%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.7000, -31.8971, 10.7871 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 193.7000, -31.8971, 10.7871 by changing the saturation by 10% instead.

■ 193.7000,
-31.8971, 10.7871

■ 193.7000,
-31.8971, 10.7871

255.0000, 0.0000,
0.0000

■ 166.5150,
-31.3129, 10.0723

■ 246.7920,
-31.4495, 7.1984

■ 139.4440,
-30.2919, 9.2576

■ 249.9840,
-19.2191, 4.3990

■ 114.2590,
-29.7077, 8.5429

■ 253.1760, -6.9888,
1.5996

■ 89.0740, -29.1235,
7.8281

■ 64.6610, -29.4129,
7.3133

■ 44.0010, -21.6925,
4.3841

■ 24.4980, -12.0775,

0.4403

0.0000, 0.0000,
0.0000

193.7000,
-31.8971, 10.7871

193.7000,
-31.8971, 10.7871

190.1320,
-40.4911, 13.9162

197.2680,
-23.3031, 7.6580

187.2650,
-48.9376, 16.4306

200.1350,
-14.8566, 5.1436

183.6970,
-57.5316, 19.5597

203.7030, -6.2626,
2.0145

180.8300,
-65.9782, 22.0741

206.5700, 2.1840,
-0.4999

177.2620,
-74.5722, 25.2032

210.1380, 10.7780,
-3.6290

■ 173.6940,
-83.1661, 28.3324

■ 213.7060, 19.3719,
-6.7582

■ 173.1240,
-85.3501, 28.8323

■ 214.5210, 19.9561,
-7.4729

■ 215.6950, 19.3774,
-8.5025

■ 216.2820, 19.0880,
-9.0173

Harmonies

Analogous

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



196.4520, -32.2678, 36.4376



193.7000, -31.8971, 10.7871



189.1460, -21.7640, -19.4220

Triad

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



193.7000, -31.8971, 10.7871



176.6420, 32.7145, -86.5090



202.1640, 8.3001, 44.5832

Complementary

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



193.7000, -31.8971, 10.7871



141.3000, 31.8971, -10.7871

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.



201.7720, 22.7904, 16.8630



193.7000, -31.8971, 10.7871



185.5730, 34.2275, -58.3845

Square

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



193.7000, -31.8971, 10.7871



176.9730, 17.2683, -78.9063



195.2620, 29.4508, -19.5238



197.4840, -7.1406, 50.4415

Rectangle

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



193.7000, -31.8971, 10.7871



185.7010, -10.2056, -40.0798



195.2620, 29.4508, -19.5238



202.3740, 13.1266, 36.5060

Sweetspot

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



193.7000, -31.8971, 10.7871



250.6340, -11.6516, 3.8290



152.7070, -8.7296, 46.7380



124.8880, -6.8468, 2.7292



0.0000, 0.0000, 0.0000



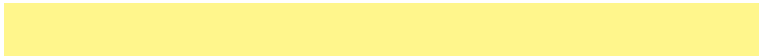
128.0000, 0.0000, 0.0000

Same Dimension

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



193.7000, -31.8971, 10.7871



236.6070, -47.6273, 16.1307



187.6540, -28.9164, -11.9746



100.2730, -4.0786, 1.5146



139.4450, -68.7464, 23.2887



31.9070, -15.7302, 5.3436

Inverse Universe

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



141.3000, 31.8971, -10.7871



158.3930, 47.6273, -16.1307



147.3460, 28.9164, 11.9746



93.7270, 4.0786, -1.5146



26.5550, 68.7464, -23.2887



6.0930, 15.7302, -5.3436

Previews

White Background



This preview shows how the YUV color 193.7000, -31.8971, 10.7871 looks on a white background.

Color Contrast Check

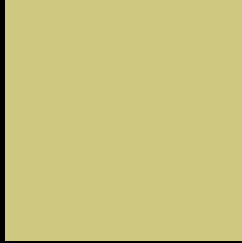
Large Text (above 18pt) WCAG AA × Fail

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 193.7000, -31.8971, 10.7871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

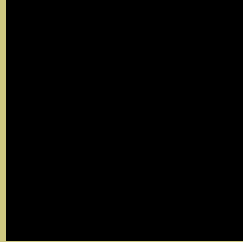
Any Text WCAG AA ✓ Pass

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 193.7000, -31.8971, 10.7871 Background



This preview shows how black text looks on a background with the YUV color 193.7000, -31.8971, 10.7871.



This preview shows how white text looks on a background with the YUV color 193.7000, -31.8971, 10.7871.

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

193.7000, -31.8971, 10.7871

Protanopia

194.2170, -32.6450, 17.3497

Deuteranopia

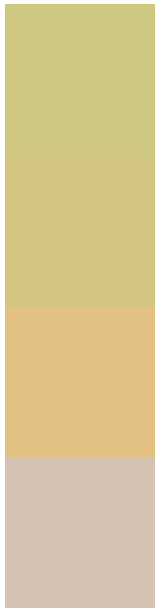
196.7400, -32.4098, 35.3080



Tritanopia

199.8860, 3.0142, 13.2550

Trichromacy



Original Color

193.7000, -31.8971, 10.7871

Protanomaly

193.9070, -32.4922, 14.9906

Deuteranomaly

195.6850, -32.3827, 26.5863

Tritanomaly

197.5580, -9.6421, 12.6656

Monochromacy



Original Color

193.7000, -31.8971, 10.7871

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.6340, -11.6516, 3.8290

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.7000, -31.8971, 10.7871 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, 200, 129)` looks like.

```
.text, #text, p{  
    color:rgb(206, 200, 129)  
}
```

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, 200, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 129) }
```

Border

The CSS property to change the border of an element to YUV 193.7000, -31.8971, 10.7871 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, 200, 129) }
```


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

```
.border{ border-color:rgb(206, 200, 129) }
```

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

Here you see how a box with a 4 pixel rgb(206, 200, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 200, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 200, 129);  
box-shadow:4px 4px 4px 4px rgb(206, 200,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 193.7000, -31.8971, 10.7871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 129) }
```

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

```
.background{ background-color: rgb(206,  
200, 129) }
```

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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