

# Converting Colors

YUV(188.7970, -28.9869,  
10.7020)

Have a look what the booklet for  
YUV(188.7970, -28.9869, 10.7020)  
contains.

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# Color

**YUV(188.7970, -28.9869,  
10.7020)**

# Conversions

Conversions Part 1	
Format	Color
Hex	C9C282
RGB	201, 194, 130
RGB Percent	79%, 76%, 51%
CMY	0.2118, 0.2392, 0.4902
CMYK	0.00, 0.03, 0.35, 0.21
HSL	54°, 40%, 65%
HSV	54°, 35%, 79%
XYZ	47.4084, 52.6128, 28.7757
YIQ	188.7970, 24.7160, -18.4200

# Conversions

## Conversions Part 2

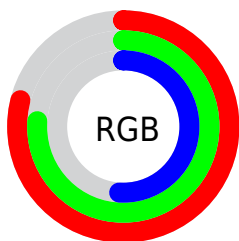
Format	Color
<a href="#">RYB</a>	<a href="#">138, 201, 130</a>
Decimal	<a href="#">13222530</a>
CIELab	<a href="#">77.65, -7.12, 33.11</a>
CIELCh	<a href="#">78, 33.868, 102.129</a>
Yxy	<a href="#">52.6128, 0.3681, 0.4085</a>
Android (android.graphics.Color)	<a href="#">4291412610</a> (0xFFC9C282)
YUV	<a href="#">188.7970, -28.9869, 10.7020</a>
Hunter-Lab	<a href="#">72.5347, -10.2686, 27.2530</a>

# Details

The YUV color **188.7970, -28.9869, 10.7020** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **142.2030, 28.9869, -10.7020**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.9710, -29.5657, 9.6724**, and **135.5410, -27.3817, 9.1725** is the 20% darker color. If you saturate the color by 10%, you get **185.3430, -37.1441, 13.7312**, and if you desaturate by 10%, it is **192.2510, -20.8297, 7.6729**.

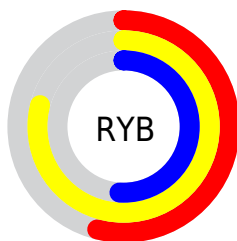
# Distribution



Red (79%)

Green (76%)

Blue (51%)



Red (54%)

Yellow (79%)

Blue (51%)

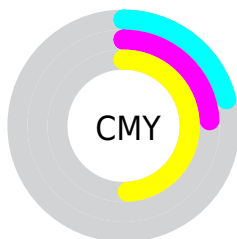


Cyan (0%)

Magenta (3%)

Yellow (35%)

Black (21%)



Cyan (21%)

Magenta (24%)

Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 188.7970, -28.9869, 10.7020 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 188.7970, -28.9869, 10.7020 by changing the saturation by 10% instead.




 188.7970,  
-28.9869, 10.7020

 188.7970,  
-28.9869, 10.7020

255.0000, 0.0000,  
0.0000

 161.6120,  
-28.4027, 9.9873


 243.9710,  
-29.5657, 9.6724


 135.5410,  
-27.3817, 9.1725


 249.9840,  
-19.2191, 4.3990

 109.4700,  
-26.3607, 8.3578

 253.2900, -6.5520,  
1.4997

 85.1710, -26.2133,  
7.7430

 60.8720, -26.0659,  
7.1283

 40.1690, -19.8033,  
5.1138

 20.9540, -10.3303,

0.0403

0.0000, 0.0000,  
0.0000

188.7970,  
-28.9869, 10.7020

188.7970,  
-28.9869, 10.7020

185.3430,  
-37.1441, 13.7312

192.2510,  
-20.8297, 7.6729

181.8890,  
-45.3013, 16.7603

195.7050,  
-12.6726, 4.6437

178.4350,  
-53.4585, 19.7895

199.1590, -4.5154,  
1.6146

174.9810,  
-61.6156, 22.8187

202.6130, 3.6418,  
-1.4146

171.4130,  
-70.2096, 25.9478

206.1810, 12.2358,  
-4.5437

■ 167.9590,  
-78.3668, 28.9770

■ 209.6350, 20.3929,  
-7.5729

■ 166.3460,  
-82.0086, 30.3916

■ 211.2650, 21.5614,  
-9.0024

■ 212.4390, 20.9826,  
-10.0320

■ 213.6130, 20.4038,  
-11.0616

# Harmonies

## Analogous

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



191.3530, -28.7680, 33.8934



188.7970, -28.9869, 10.7020



185.2110, -20.3170, -16.8480

# Triad

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



188.7970, -28.9869, 10.7020



175.2800, 28.4560, -73.9136



196.9030, 7.4428, 39.5501

# Complementary

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



188.7970, -28.9869, 10.7020



142.2030, 28.9869, -10.7020

# 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.



195.7070, 21.3434, 14.2890



188.7970, -28.9869, 10.7020



182.7910, 33.6270, -52.4367

# Square

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



188.7970, -28.9869, 10.7020



174.9420, 14.3256, -68.3551



190.9030, 30.6138, -19.2089



195.0820, -7.4354, 51.6711



# Rectangle

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



188.7970, -28.9869, 10.7020



181.5490, -9.6377, -35.5615



190.9030, 30.6138, -19.2089



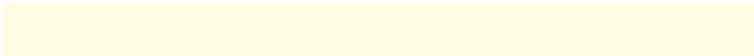
196.8250, 12.4113, 32.6025

# Sweetspot

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



188.7970, -28.9869, 10.7020



250.0470, -11.3622, 4.3438



152.0270, -7.4083, 42.9493



124.8880, -6.8468, 2.7292



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

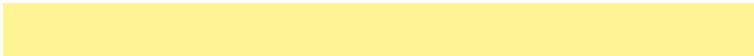


# Same Dimension

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



188.7970, -28.9869, 10.7020



236.3450, -43.5541, 16.3604



184.5340, -26.8853, -10.1153



97.3870, -3.6418, 1.4146



135.0260, -66.5678, 24.5332



29.5480, -14.5672, 5.6584



# Inverse Universe

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



142.2030, 28.9869, -10.7020



166.0680, 43.8435, -15.8456



146.4660, 26.8853, 10.1153



91.0260, 3.9312, -0.8998



27.9740, 66.5678, -24.5332

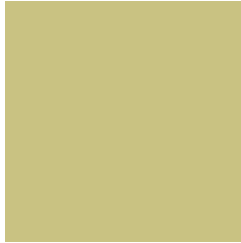


6.4520, 14.5672, -5.6584



# Previews

## White Background



This preview shows how the YUV color 188.7970, -28.9869, 10.7020 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

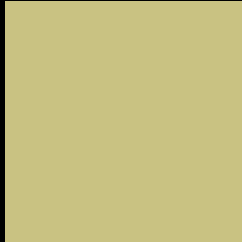
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 188.7970, -28.9869, 10.7020 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

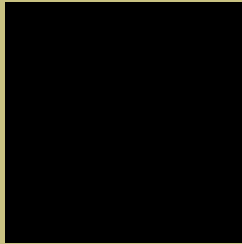
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 188.7970, -28.9869, 10.7020

## Background



This preview shows how black text looks on a background with the YUV color 188.7970, -28.9869, 10.7020.



This preview shows how white text looks on a background with the YUV color 188.7970, -28.9869,



# 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

188.7970, -28.9869, 10.7020

### Protanopia

189.6020, -29.8768, 16.1350

### Deuteranopia

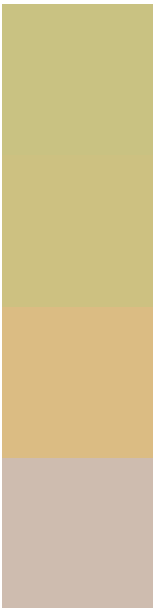
191.5270, -29.3468, 32.8638



## Tritanopia

193.8860, 3.0142, 13.2550

# Trichromacy



**Original Color**  
188.7970, -28.9869, 10.7020

**Protanomaly**  
189.2920, -29.7240, 13.7759

**Deuteranomaly**  
190.7710, -29.4671, 24.7568

**Tritanomaly**  
191.9000, -8.3317, 12.3657

# Monochromacy



**Original Color**  
188.7970, -28.9869, 10.7020

**Achromatopsia**  
189.0000, 0.0000, 0.0000

**Achromatomaly**  
188.9760, -10.3412, 3.5290

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 188.7970, -28.9869, 10.7020 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(201, 194, 130)` looks like.

```
.text, #text, p{  
    color:rgb(201, 194, 130)  
}
```

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(201, 194, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 194, 130) }
```

## Border

The CSS property to change the border of an element to YUV 188.7970, -28.9869, 10.7020 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(201, 194, 130) }
```



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

```
.border{ border-color:rgb(201, 194, 130) }
```

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

Here you see how a box with a 4 pixel rgb(201, 194, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 194, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 194, 130);  
box-shadow:4px 4px 4px 4px rgb(201, 194,  
130) }
```

# Background

The CSS property to change the background color of an element to YUV 188.7970, -28.9869, 10.7020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 194, 130) }
```

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

```
.background{ background-color: rgb(201,  
194, 130) }
```

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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