

Converting Colors

YUV(171.9680, -34.9872,
21.9531)

Have a look what the booklet for
YUV(171.9680, -34.9872, 21.9531)
contains.

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Color

**YUV(171.9680, -34.9872,
21.9531)**

Conversions

Conversions Part 1

Format	Color
Hex	C5AD65
RGB	197, 173, 101
RGB Percent	77%, 68%, 40%
CMY	0.2275, 0.3216, 0.6039
CMYK	0.00, 0.12, 0.49, 0.23
HSL	45°, 45%, 58%
HSV	45°, 49%, 77%
XYZ	40.3185, 42.6970, 18.4283
YIQ	171.9680, 37.4160, -17.3040

Conversions

Conversions Part 2

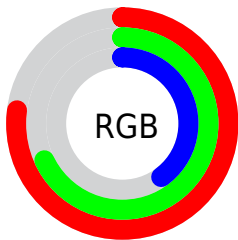
Format	Color
RYB	133, 197, 101
Decimal	12954981
CIELab	71.35, -0.82, 39.97
CIElCh	71, 39.980, 91.172
Yxy	42.6970, 0.3974, 0.4209
Android (android.graphics.Color)	4291145061 (0xFFC5AD65)
YUV	171.9680, -34.9872, 21.9531
Hunter-Lab	65.3430, -4.2106, 29.0189

Details

The YUV color **171.9680, -34.9872, 21.9531** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **126.0320, 34.9872, -21.9531**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.5230, -36.7398, 24.0973**, and **119.1140, -33.0872, 19.1940** is the 20% darker color. If you saturate the color by 10%, you get **166.7530, -42.2762, 26.5266**, and if you desaturate by 10%, it is **177.1830, -27.6982, 17.3795**.

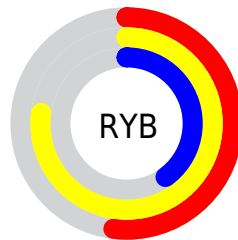
Distribution



Red (77%)

Green (68%)

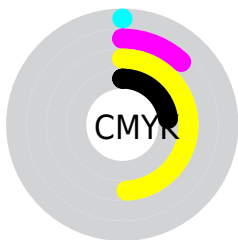
Blue (40%)



Red (52%)

Yellow (77%)

Blue (40%)

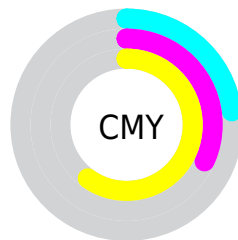


Cyan (0%)

Magenta (12%)

Yellow (49%)

Black (23%)



Cyan (23%)

Magenta (32%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.9680, -34.9872, 21.9531 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 171.9680, -34.9872, 21.9531 by changing the saturation by 10% instead.

■ 171.9680,
-34.9872, 21.9531

■ 171.9680,
-34.9872, 21.9531

255.0000, 0.0000,
0.0000

■ 145.4840,
-34.2556, 20.6235

■ 227.5230,
-36.7398, 24.0973

■ 119.1140,
-33.0872, 19.1940

■ 246.4500,
-32.7599, 7.4983

■ 93.5160, -32.7924,
17.9645

■ 249.6420,
-20.5295, 4.6990

■ 69.1630, -34.0974,
16.5200

■ 252.9480, -7.8624,
1.7996

■ 48.1870, -23.7562,
12.9910

■ 28.9720, -14.2832,
7.9176

■ 4.4300, -2.1840,

0.4999

■ 0.0000, 0.0000,
0.0000

■ 171.9680,
-34.9872, 21.9531

■ 171.9680,
-34.9872, 21.9531

■ 166.7530,
-42.2762, 26.5266

■ 177.1830,
-27.6982, 17.3795

■ 161.6520,
-49.1284, 31.0002

■ 182.2840,
-20.8460, 12.9059

■ 156.4370,
-56.4174, 35.5738

■ 187.4990,
-13.5570, 8.3324

■ 151.2220,
-63.7064, 40.1473

■ 192.7140, -6.2680,
3.7588

■ 146.0070,
-70.9955, 44.7209

■ 197.9290, 1.0210,
-0.8147

■ 145.7790,
-71.8690, 44.9208

■ 203.0300, 7.8732,
-5.2883

■ 207.6580, 15.4516,
-9.3471

■ 212.4170, 20.9934,
-13.5207

■ 215.3520, 19.5465,
-16.0947

Harmonies

Analogous

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



174.5610, -30.8426, 45.9890



171.9680, -34.9872, 21.9531



168.2030, -28.2011, -8.0710

Triad

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



171.9680, -34.9872, 21.9531



137.3450, 36.3119, -120.4516



179.5420, 15.0158, 37.2357

Complementary

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



171.9680, -34.9872, 21.9531



126.0320, 34.9872, -21.9531

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.



177.9920, 29.0909, 2.6380



171.9680, -34.9872, 21.9531



152.7370, 42.0347, -89.2233

Square

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



171.9680, -34.9872, 21.9531



152.0670, 11.3060, -79.8658



169.4210, 38.2464, -40.7112



178.3090, -1.6313, 56.7340

Rectangle

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



171.9680, -34.9872, 21.9531



164.4050, -17.9477, -30.1732



169.4210, 38.2464, -40.7112



179.5560, 20.4319, 26.6994

Sweetspot

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



171.9680, -34.9872, 21.9531



244.7980, -13.7044, 8.9472



132.4400, -3.6679, 56.6191



121.8560, -8.3100, 5.3883



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.



171.9680, -34.9872, 21.9531



216.4090, -53.9386, 33.8443



178.8800, -38.3948, -5.1568



96.8000, -3.3524, 1.9294



120.3510, -59.3330, 37.4032



26.6130, -13.1202, 8.2324

Inverse Universe

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



126.0320, 34.9872, -21.9531



145.5910, 53.9386, -33.8443



119.1200, 38.3948, 5.1568



92.2000, 3.3524, -1.9294



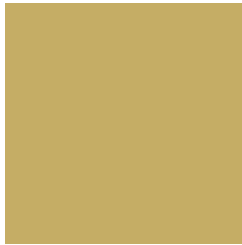
42.6490, 59.3330, -37.4032



9.3870, 13.1202, -8.2324

Previews

White Background



This preview shows how the YUV color 171.9680, -34.9872, 21.9531 looks on a white background.

Color Contrast Check

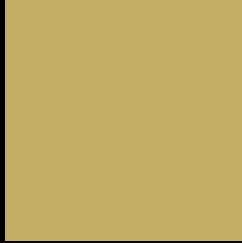
Large Text (above 18pt) WCAG AA × Fail

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 171.9680, -34.9872, 21.9531 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 171.9680, -34.9872, 21.9531 Background



This preview shows how black text looks on a background with the YUV color 171.9680, -34.9872, 21.9531.

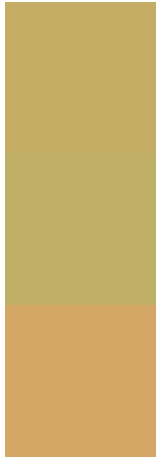


This preview shows how white text looks on a background with the YUV color 171.9680, -34.9872, 21.9531.

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

171.9680, -34.9872, 21.9531

Protanopia

171.7610, -34.3922, 17.7496

Deuteranopia

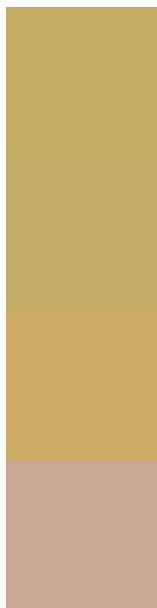
173.3440, -35.1726, 34.7783



Tritanopia

177.4420, -0.2179, 23.2914

Trichromacy



Original Color

171.9680, -34.9872, 21.9531

Protanomaly

171.7720, -34.3976, 19.4940

Deuteranomaly

172.7240, -34.8669, 30.0601

Tritanomaly

175.1140, -12.8742, 22.7020

Monochromacy



Original Color

171.9680, -34.9872, 21.9531

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.7270, -12.6834, 8.1324

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.9680, -34.9872, 21.9531 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(197, 173, 101)` looks like.

```
.text, #text, p{  
    color:rgb(197, 173, 101)  
}
```

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(197, 173, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 173, 101) }
```

Border

The CSS property to change the border of an element to YUV 171.9680, -34.9872, 21.9531 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(197, 173, 101) }
```


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

```
.border{ border-color:rgb(197, 173, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 173, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 173, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 173, 101);  
box-shadow:4px 4px 4px 4px rgb(197, 173,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 171.9680, -34.9872, 21.9531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 173, 101) }
```

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

```
.background{ background-color: rgb(197,  
173, 101) }
```

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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