

Converting Colors

YUV(171.2070, -17.3571,
13.8505)

Have a look what the booklet for
YUV(171.2070, -17.3571, 13.8505)
contains.

YUV(171.2070, -17.3571, 13.8505)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(171.2070, -17.3571,
13.8505)**

Conversions

Conversions Part 1

Format	Color
Hex	BBAA88
RGB	187, 170, 136
RGB Percent	73%, 67%, 53%
CMY	0.2667, 0.3333, 0.4667
CMYK	0.00, 0.09, 0.27, 0.27
HSL	40°, 27%, 63%
HSV	40°, 27%, 73%
XYZ	39.3122, 41.0918, 29.1521
YIQ	171.2070, 21.0460, -6.9700

Conversions

Conversions Part 2

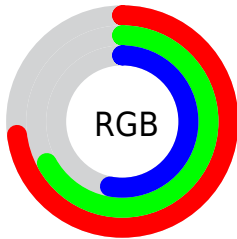
Format	Color
R_{YB}	162, 187, 136
Decimal	12298888
CIE _{Lab}	70.24, 0.81, 19.79
CIE _{LCh}	70, 19.803, 87.658
Yxy	41.0918, 0.3588, 0.3751
Android (android.graphics.Color)	4290488968 (0xFFBBAA88)
YUV	171.2070, -17.3571, 13.8505
Hunter-Lab	64.1029, -2.7120, 17.9087

Details

The YUV color $171.2070, -17.3571, 13.8505$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $151.7930, 17.3571, -13.8505$, and the grayscale version is $171.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.5770, -18.5255, 15.2800$, and $118.8370, -16.1886, 12.4210$ is the 20% darker color. If you saturate the color by 10%, you get $165.5190, -23.9199, 18.8388$, and if you desaturate by 10%, it is $176.8950, -10.7942, 8.8621$.

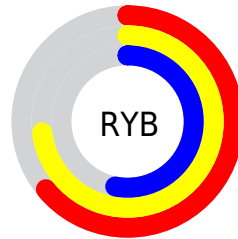
Distribution



Red (73%)

Green (67%)

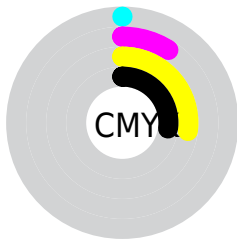
Blue (53%)



Red (64%)

Yellow (73%)

Blue (53%)

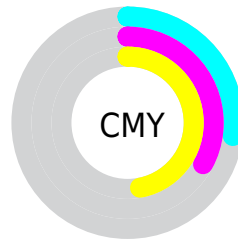


Cyan (0%)

Magenta (9%)

Yellow (27%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.2070, -17.3571, 13.8505 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 171.2070, -17.3571, 13.8505 by changing the saturation by 10% instead.

■ 171.2070,
-17.3571, 13.8505

■ 171.2070,
-17.3571, 13.8505

255.0000, 0.0000,
0.0000

■ 145.0220,
-16.7728, 13.1357

■ 226.5770,
-18.5255, 15.2800

■ 118.8370,
-16.1886, 12.4210

■ 250.0810,
-16.3089, 4.3140

■ 93.7660, -15.1676,
11.6062

■ 253.9740, -3.9312,
0.8998

■ 70.4670, -15.0202,
10.9914

■ 47.9830, -14.2886,
9.6619

■ 26.9120, -13.2676,
8.8472

■ 0.8970, -0.4422,

1.8443

■ 0.0000, 0.0000,
0.0000

■ 171.2070,
-17.3571, 13.8505

■ 171.2070,
-17.3571, 13.8505

■ 165.5190,
-23.9199, 18.8388

■ 176.8950,
-10.7942, 8.8621

■ 159.9450,
-30.0459, 23.7272

■ 182.4690, -4.6682,
3.9737

■ 153.6700,
-36.3193, 29.2304

■ 188.7440, 1.6052,
-1.5295

■ 147.9820,
-42.8821, 34.2188

■ 194.4320, 8.1680,
-6.5179

■ 142.4080,
-49.0081, 39.1072

■ 200.0060, 14.2940,
-11.4063

■ 136.7200,
-55.5710, 44.0956

■ 205.6940, 20.8569,
-16.3946

■ 130.4450,
-61.8444, 49.5987

■ 210.6010, 21.8887,
-20.6981

■ 129.2880,
-63.7390, 50.6134

■ 214.1230, 20.1524,
-23.7869

■ 217.6450, 18.4160,
-26.8757

Harmonies

Analogous

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



172.8540, -15.2110, 25.5610



171.2070, -17.3571, 13.8505



169.5040, -14.5455, -1.3190

Triad

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



171.2070, -17.3571, 13.8505



164.7440, 11.4652, -37.4865



174.8740, 7.9501, 16.7735

Complementary

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



171.2070, -17.3571, 13.8505



151.7930, 17.3571, -13.8505

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.



173.4850, 14.5509, -0.4253



171.2070, -17.3571, 13.8505



166.8570, 16.8325, -32.3236

Square

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



171.2070, -17.3571, 13.8505



165.0840, 2.4236, -30.7687



170.2870, 18.0995, -18.6687



174.7630, -0.3762, 27.3948

Rectangle

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



171.2070, -17.3571, 13.8505



167.8770, -10.2924, -12.1701



170.2870, 18.0995, -18.6687



174.8240, 10.4398, 11.5554

Sweetspot

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



171.2070, -17.3571, 13.8505



236.3120, -6.5628, 4.9884



153.1870, -0.0922, 29.6540



118.2840, -4.0840, 3.2589



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



171.2070, -17.3571, 13.8505



217.6180, -27.4197, 21.3830



178.7940, -21.0974, 0.1807



91.2130, -3.0630, 2.4442



108.8770, -53.6764, 43.0809



21.0090, -10.3574, 8.7621

Inverse Universe

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



151.7930, 17.3571, -13.8505



186.9690, 27.1303, -21.8978



144.2060, 21.0974, -0.1807



87.7870, 3.0630, -2.4442



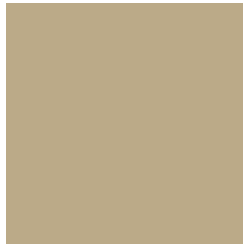
49.1230, 53.6764, -43.0809



9.4040, 10.6468, -8.2473

Previews

White Background



This preview shows how the YUV color 171.2070, -17.3571, 13.8505 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 171.2070, -17.3571, 13.8505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

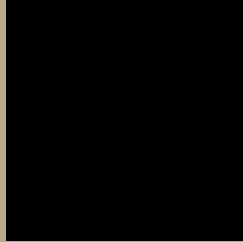
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.2070, -17.3571, 13.8505

Background



This preview shows how black text looks on a background with the YUV color 171.2070, -17.3571, 13.8505.



This preview shows how white text looks on a background with the YUV color 171.2070, -17.3571, 13.8505.

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

171.2070, -17.3571, 13.8505

Protanopia

170.7120, -16.6200, 10.7766

Deuteranopia

172.2730, -17.3896, 24.3166



Tritanopia

173.8540, 1.5510, 15.9140

Trichromacy



Original Color

171.2070, -17.3571, 13.8505

Protanomaly

171.0110, -16.7674, 11.3914

Deuteranomaly

171.9520, -17.2313, 20.2131

Tritanomaly

172.7200, -5.2850, 15.1546

Monochromacy



Original Color

171.2070, -17.3571, 13.8505

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.3120, -6.5628, 4.9884

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.2070, -17.3571, 13.8505 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(187, 170, 136)` looks like.

```
.text, #text, p{  
    color:rgb(187, 170, 136)  
}
```

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(187, 170, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 170, 136) }
```

Border

The CSS property to change the border of an element to YUV 171.2070, -17.3571, 13.8505 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(187, 170, 136) }
```


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

```
.border{ border-color:rgb(187, 170, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 170, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 170, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 170, 136);  
box-shadow:4px 4px 4px 4px rgb(187, 170,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 171.2070, -17.3571, 13.8505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 170, 136) }
```

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

```
.background{ background-color: rgb(187,  
170, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor