

Converting Colors

YUV(171.9870, -27.1086,
14.9204)

Have a look what the booklet for
YUV(171.9870, -27.1086, 14.9204)
contains.

YUV(171.9870, -27.1086, 14.9204)	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(171.9870, -27.1086,
14.9204)**

Conversions

Conversions Part 1

Format	Color
Hex	BDAE75
RGB	189, 174, 117
RGB Percent	74%, 68%, 46%
CMY	0.2588, 0.3176, 0.5412
CMYK	0.00, 0.08, 0.38, 0.26
HSL	48°, 35%, 60%
HSV	48°, 38%, 74%
XYZ	39.3332, 42.3753, 22.9358
YIQ	171.9870, 27.2370, -14.5470

Conversions

Conversions Part 2

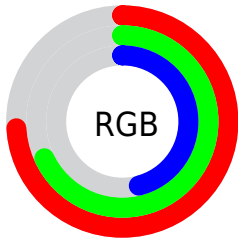
Format	Color
RYB	136, 189, 117
Decimal	12430965
CIELab	71.13, -2.95, 31.22
CIELCh	71, 31.361, 95.406
Yxy	42.3753, 0.3759, 0.4049
Android (android.graphics.Color)	4290621045 (0xFFBDAE75)
YUV	171.9870, -27.1086, 14.9204
Hunter-Lab	65.0963, -6.0633, 24.6774

Details

The YUV color $171.9870, -27.1086, 14.9204$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $134.0130, 27.1086, -14.9204$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.3570, -28.2770, 16.3499$, and $119.4320, -25.3560, 12.7761$ is the 20% darker color. If you saturate the color by 10%, you get $167.4730, -34.2502, 18.8792$, and if you desaturate by 10%, it is $176.5010, -19.9670, 10.9616$.

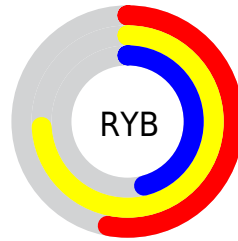
Distribution



Red (74%)

Green (68%)

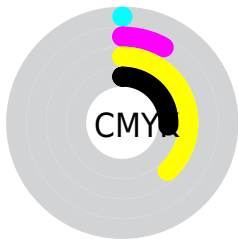
Blue (46%)



Red (53%)

Yellow (74%)

Blue (46%)

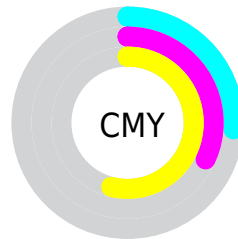


Cyan (0%)

Magenta (8%)

Yellow (38%)

Black (26%)



Cyan (26%)

Magenta (32%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.9870, -27.1086, 14.9204 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 171.9870, -27.1086, 14.9204 by changing the saturation by 10% instead.

■ 171.9870,
-27.1086, 14.9204

■ 171.9870,
-27.1086, 14.9204

255.0000, 0.0000,
0.0000

■ 144.9160,
-26.0876, 14.1057

■ 227.3570,
-28.2770, 16.3499

■ 119.4320,
-25.3560, 12.7761

■ 248.3880,
-25.3343, 5.7987

■ 94.2470, -24.7718,
12.0614

■ 251.5800,
-13.1039, 2.9993

■ 70.0620, -24.1876,
11.3466

254.8860, -0.4368,
0.1000

■ 47.5780, -23.4560,
10.0171

■ 28.0750, -13.8410,
6.0732

■ 3.5220, -1.7363,

-3.0888

■ 0.0000, 0.0000,
0.0000

■ 171.9870,
-27.1086, 14.9204

■ 171.9870,
-27.1086, 14.9204

■ 167.4730,
-34.2502, 18.8792

■ 176.5010,
-19.9670, 10.9616

■ 162.9590,
-41.3918, 22.8380

■ 181.0150,
-12.8254, 7.0028

■ 158.4450,
-48.5334, 26.7967

■ 185.5290, -5.6838,
3.0441

■ 153.9310,
-55.6750, 30.7555

■ 190.0430, 1.4578,
-0.9147

■ 149.4170,
-62.8166, 34.7143

■ 194.5570, 8.5994,
-4.8735

■ 145.0170,
-69.5214, 38.5731

■ 198.9570, 15.3042,
-8.7323

■ 144.5610,
-71.2686, 38.9730

■ 203.4710, 22.4458,
-12.6911

■ 206.5030, 23.9090,
-15.3501

■ 208.2640, 23.0408,
-16.8945

Harmonies

Analogous

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



174.2760, -25.2791, 34.8379



171.9870, -27.1086, 14.9204



168.5540, -20.4861, -9.2559

Triad

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



171.9870, -27.1086, 14.9204



158.3470, 23.4929, -68.7103



178.4290, 9.6485, 32.0728

Complementary

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



171.9870, -27.1086, 14.9204



134.0130, 27.1086, -14.9204

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.



177.3640, 21.5125, 6.6968



171.9870, -27.1086, 14.9204



163.8680, 30.1381, -53.3812

Square

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



171.9870, -27.1086, 14.9204



159.9280, 8.9095, -57.8189



172.1150, 29.0303, -24.6569



177.9610, -3.9248, 45.6382

Rectangle

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



171.9870, -27.1086, 14.9204



165.9200, -12.2856, -26.2398



172.1150, 29.0303, -24.6569



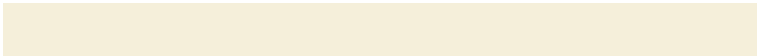
178.5250, 14.0382, 24.0956

Sweetspot

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



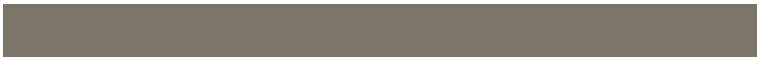
171.9870, -27.1086, 14.9204



238.4000, -10.0572, 5.7882



140.3520, -3.6245, 42.6643



118.4150, -6.1206, 3.1440



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.



171.9870, -27.1086, 14.9204



218.0300, -42.4128, 23.6527



174.8120, -28.5013, -5.0971



91.8000, -3.3524, 1.9294



120.6170, -59.4642, 32.7849



23.3570, -11.5150, 6.7029

Inverse Universe

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



134.0130, 27.1086, -14.9204



158.9700, 42.4128, -23.6527



131.1880, 28.5013, 5.0971



87.2000, 3.3524, -1.9294



37.3830, 59.4642, -32.7849



7.0560, 11.8044, -6.1881

Previews

White Background



This preview shows how the YUV color 171.9870, -27.1086, 14.9204 looks on a white background.

Color Contrast Check

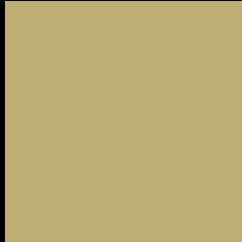
Large Text (above 18pt) WCAG AA × Fail

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 171.9870, -27.1086, 14.9204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

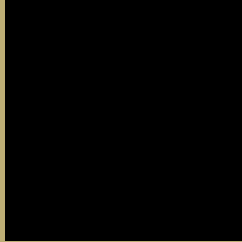
Any Text WCAG AA ✓ Pass

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 171.9870, -27.1086, 14.9204 Background



This preview shows how black text looks on a background with the YUV color 171.9870, -27.1086, 14.9204.



This preview shows how white text looks on a background with the YUV color 171.9870, -27.1086, 14.9204.

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

171.9870, -27.1086, 14.9204

Protanopia

171.9870, -27.1086, 14.9204

Deuteranopia

173.7870, -27.0100, 30.0048



Tritanopia

176.4520, 1.2562, 17.1436

Trichromacy



Original Color

171.9870, -27.1086, 14.9204

Protanomaly

171.9870, -27.1086, 14.9204

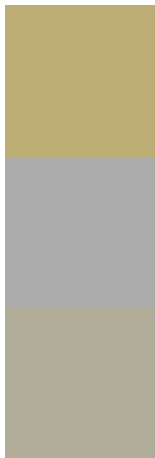
Deuteranomaly

173.3410, -27.2831, 24.2569

Tritanomaly

174.6940, -9.2161, 16.0544

Monochromacy



Original Color

171.9870, -27.1086, 14.9204

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.1010, -9.9098, 5.1734

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.9870, -27.1086, 14.9204 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(189, 174, 117)` looks like.

```
.text, #text, p{  
    color:rgb(189, 174, 117)  
}
```

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(189, 174, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 174, 117) }
```

Border

The CSS property to change the border of an element to YUV 171.9870, -27.1086, 14.9204 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(189, 174, 117) }
```


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

```
.border{ border-color:rgb(189, 174, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 174, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 174, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 174, 117);  
box-shadow:4px 4px 4px 4px rgb(189, 174,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 171.9870, -27.1086, 14.9204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 174, 117) }
```

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

```
.background{ background-color: rgb(189,  
174, 117) }
```

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