

Converting Colors

YUV(173.1670, -26.7043,
25.2865)

Have a look what the booklet for
YUV(173.1670, -26.7043, 25.2865)
contains.

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Color

**YUV(173.1670, -26.7043,
25.2865)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA977
RGB	202, 169, 119
RGB Percent	79%, 66%, 47%
CMY	0.2078, 0.3373, 0.5333
CMYK	0.00, 0.16, 0.41, 0.21
HSL	36°, 44%, 63%
HSV	36°, 41%, 79%
XYZ	41.8749, 42.2644, 23.4036
YIQ	173.1670, 35.7180, -8.5540

Conversions

Conversions Part 2

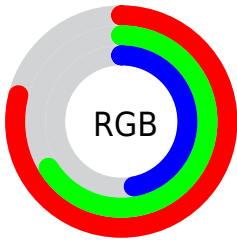
Format	Color
RYB	174, 202, 119
Decimal	13281655
CIELab	71.05, 5.23, 30.29
CIELCh	71, 30.736, 80.200
Yxy	42.2644, 0.3894, 0.3930
Android (android.graphics.Color)	4291471735 (0xFFCAA977)
YUV	173.1670, -26.7043, 25.2865
Hunter-Lab	65.0111, 1.2058, 24.1637

Details

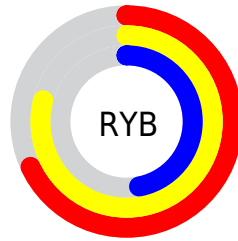
The YUV color $173.1670, -26.7043, 25.2865$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $147.8330, 26.7043, -25.2865$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.3410, -27.2831, 24.2569$, and $120.3130, -24.8043, 22.5275$ is the 20% darker color. If you saturate the color by 10%, you get $166.1910, -33.1252, 31.4045$, and if you desaturate by 10%, it is $180.1430, -20.2835, 19.1686$.

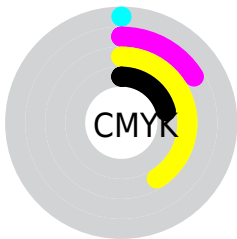
Distribution



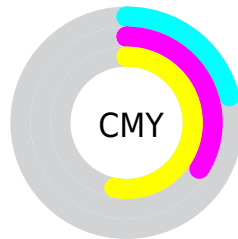
- Red (79%)
- Green (66%)
- Blue (47%)



- Red (68%)
- Yellow (79%)
- Blue (47%)



- Cyan (0%)
- Magenta (16%)
- Yellow (41%)
- Black (21%)



- Cyan (21%)
- Magenta (34%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.1670, -26.7043, 25.2865 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 173.1670, -26.7043, 25.2865 by changing the saturation by 10% instead.

■ 173.1670,
-26.7043, 25.2865

■ 173.1670,
-26.7043, 25.2865

255.0000, 0.0000,
0.0000

■ 146.6830,
-25.9727, 23.9570

■ 227.3410,
-27.2831, 24.2569

■ 120.3130,
-24.8043, 22.5275

■ 247.4420,
-23.8819, 6.6284

■ 95.4160, -24.3621,
20.6832

■ 251.8080,
-12.2303, 2.7994

■ 71.0460, -23.1937,
19.2537

■ 47.9210, -23.6251,
17.6093

■ 28.4180, -14.0101,
13.6654

■ 5.3820, -2.6533,

11.0660

■ 0.0000, 0.0000,
0.0000

■ 173.1670,
-26.7043, 25.2865

■ 173.1670,
-26.7043, 25.2865

■ 166.1910,
-33.1252, 31.4045

■ 180.1430,
-20.2835, 19.1686

■ 159.2150,
-39.5460, 37.5224

■ 187.1190,
-13.8627, 13.0506

■ 152.1250,
-46.4036, 43.7404

■ 194.2090, -7.0050,
6.8327

■ 145.1490,
-52.8245, 49.8583

■ 201.1850, -0.5842,
0.7148

■ 138.1730,
-59.2453, 55.9763

■ 208.1610, 5.8366,
-5.4032

■ 132.0120,
-65.0819, 61.3795

■ 215.1370, 12.2575,
-11.5211

■ 221.5430, 16.4943,
-17.1392

■ 226.2390, 14.1792,
-21.2576

■ 230.9350, 11.8640,
-25.3760

Harmonies

Analogous

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



175.3460, -21.3696, 40.9156



173.1670, -26.7043, 25.2865



170.3060, -24.3079, 3.2396

Triad

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



173.1670, -26.7043, 25.2865



158.5450, 16.4933, -63.6220



177.9590, 15.7962, 20.2070

Complementary

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



173.1670, -26.7043, 25.2865



147.8330, 26.7043, -25.2865

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.



174.8890, 25.1977, -8.6727



173.1670, -26.7043, 25.2865



160.7160, 27.2550, -62.0179

Square

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



173.1670, -26.7043, 25.2865



162.4150, 0.2884, -45.9680



168.1410, 29.5105, -38.7117



178.0510, 2.9329, 39.4203

Rectangle

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



173.1670, -26.7043, 25.2865



167.9880, -18.7281, -13.1445



168.1410, 29.5105, -38.7117



177.2290, 19.6071, 11.2002

Sweetspot

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



173.1670, -26.7043, 25.2865



244.4220, -10.0680, 9.2769



147.5790, 2.1796, 47.7272



121.2520, -5.5472, 5.9180



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.



173.1670, -26.7043, 25.2865



211.4000, -40.1302, 38.2372



190.1460, -35.0750, 3.3800



98.5120, -3.2104, 3.0590



108.3340, -53.4087, 50.5731



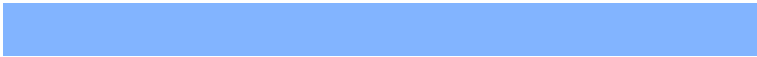
24.8630, -12.2575, 11.5211

Inverse Universe

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



147.8330, 26.7043, -25.2865



173.6000, 40.1302, -38.2372



130.8540, 35.0750, -3.3800



95.4880, 3.2104, -3.0590



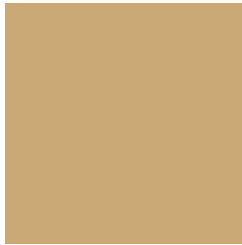
57.6660, 53.4087, -50.5731



13.1370, 12.2575, -11.5211

Previews

White Background



This preview shows how the YUV color 173.1670, -26.7043, 25.2865 looks on a white background.

Color Contrast Check

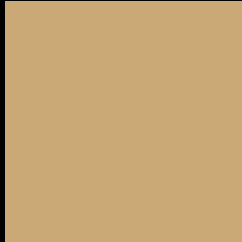
Large Text (above 18pt) WCAG AA × Fail

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 173.1670, -26.7043, 25.2865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

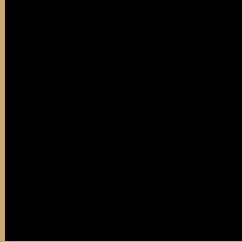
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.1670, -26.7043, 25.2865

Background



This preview shows how black text looks on a background with the YUV color 173.1670, -26.7043, 25.2865.



This preview shows how white text looks on a background with the YUV color 173.1670, -26.7043, 25.2865.

25.2865.

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

173.1670, -26.7043, 25.2865

Protanopia

172.1440, -25.2140, 13.9057

Deuteranopia

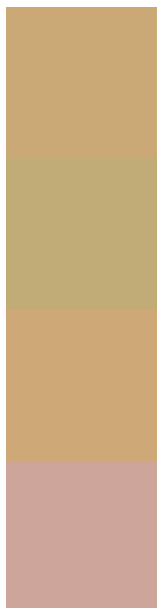
173.7870, -27.0100, 30.0048



Tritanopia

177.1220, -1.5391, 27.0800

Trichromacy



Original Color

173.1670, -26.7043, 25.2865

Protanomaly

172.3510, -25.8090, 18.1092

Deuteranomaly

173.7760, -27.0046, 28.2604

Tritanomaly

176.0050, -10.8485, 26.3056

Monochromacy



Original Color

173.1670, -26.7043, 25.2865

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.4220, -10.0680, 9.2769

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.1670, -26.7043, 25.2865 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(202, 169, 119)` looks like.

```
.text, #text, p{  
    color:rgb(202, 169, 119)  
}
```

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(202, 169, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 169, 119) }
```

Border

The CSS property to change the border of an element to YUV 173.1670, -26.7043, 25.2865 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(202, 169, 119) }
```


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

```
.border{ border-color:rgb(202, 169, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 169, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 169, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 169, 119);  
box-shadow:4px 4px 4px 4px rgb(202, 169,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 173.1670, -26.7043, 25.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 169, 119) }
```

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

```
.background{ background-color: rgb(202,  
169, 119) }
```

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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