

Converting Colors

YUV(173.5260, -27.8673,
24.9717)

Have a look what the booklet for
YUV(173.5260, -27.8673, 24.9717)
contains.

YUV(173.5260, -27.8673, 24.9717)	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(173.5260, -27.8673,
24.9717)**

Conversions

Conversions Part 1

Format	Color
Hex	CAAA75
RGB	202, 170, 117
RGB Percent	79%, 67%, 46%
CMY	0.2078, 0.3333, 0.5412
CMYK	0.00, 0.16, 0.42, 0.21
HSL	37°, 45%, 63%
HSV	37°, 42%, 79%
XYZ	41.9427, 42.5904, 22.8398
YIQ	173.5260, 36.0850, -9.6990

Conversions

Conversions Part 2

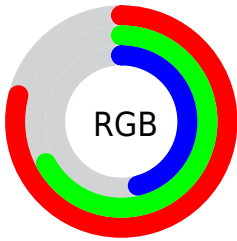
Format	Color
RYB	168, 202, 117
Decimal	13281909
CIELab	71.28, 4.47, 31.64
CIElCh	71, 31.957, 81.950
Yxy	42.5904, 0.3906, 0.3967
Android (android.graphics.Color)	4291471989 (0xFFCAA75)
YUV	173.5260, -27.8673, 24.9717
Hunter-Lab	65.2613, 0.5128, 24.9329

Details

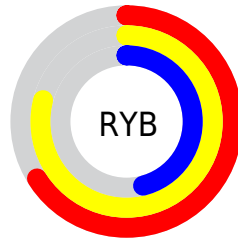
The YUV color **173.5260, -27.8673, 24.9717** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **145.4740, 27.8673, -24.9717**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7000, -28.4461, 23.9421**, and **120.6720, -25.9673, 22.2127** is the 20% darker color. If you saturate the color by 10%, you get **166.5500, -34.2881, 31.0897**, and if you desaturate by 10%, it is **180.5020, -21.4465, 18.8537**.

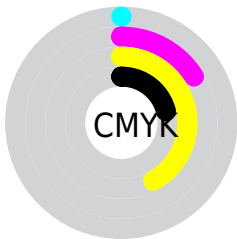
Distribution



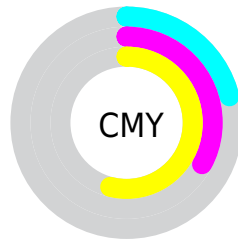
- Red (79%)
- Green (67%)
- Blue (46%)



- Red (66%)
- Yellow (79%)
- Blue (46%)



- Cyan (0%)
- Magenta (16%)
- Yellow (42%)
- Black (21%)



- Cyan (21%)
- Magenta (33%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.5260, -27.8673, 24.9717 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 173.5260, -27.8673, 24.9717 by changing the saturation by 10% instead.

■ 173.5260,
-27.8673, 24.9717

■ 173.5260,
-27.8673, 24.9717

255.0000, 0.0000,
0.0000

■ 147.0420,
-27.1357, 23.6422

■ 227.7000,
-28.4461, 23.9421

■ 120.6720,
-25.9673, 22.2127

■ 247.8010,
-25.0449, 6.3135

■ 95.1880, -25.2357,
20.8831

■ 251.5800,
-13.1039, 2.9993

■ 71.4050, -24.3567,
18.9388

254.8860, -0.4368,
0.1000

■ 48.5080, -23.9144,
17.0945

■ 29.0050, -14.2995,
13.1506

■ 5.6700, -2.7953,

9.9364

■ 0.0000, 0.0000,
0.0000

■ 173.5260,
-27.8673, 24.9717

■ 173.5260,
-27.8673, 24.9717

■ 166.5500,
-34.2881, 31.0897

■ 180.5020,
-21.4465, 18.8537

■ 160.1610,
-40.9984, 36.6928

■ 186.8910,
-14.7363, 13.2506

■ 153.0710,
-47.8560, 42.9107

■ 193.9810, -7.8786,
7.0327

■ 146.6820,
-54.5662, 48.5139

■ 200.3700, -1.1684,
1.4295

■ 139.7060,
-60.9871, 54.6318

■ 207.3460, 5.2524,
-4.6884

■ 134.3600,
-66.2395, 59.3203

■ 214.3220, 11.6733,
-10.8064

■ 220.3690, 17.0731,
-16.1096

■ 225.0650, 14.7580,
-20.2280

■ 229.1740, 12.7322,
-23.8316

Harmonies

Analogous

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



175.4170, -22.3906, 41.7303



173.5260, -27.8673, 24.9717



170.4800, -24.8866, 2.2100

Triad

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



173.5260, -27.8673, 24.9717



157.6800, 18.3988, -68.1254



178.9700, 15.7908, 21.9513

Complementary

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



173.5260, -27.8673, 24.9717



145.4740, 27.8673, -24.9717

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.



176.0140, 25.6291, -7.0283



173.5260, -27.8673, 24.9717



160.4490, 28.8656, -65.2918

Square

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



173.5260, -27.8673, 24.9717



161.7350, 1.6096, -49.7566



169.1840, 30.9683, -39.6264



178.3610, 2.7800, 41.7794

Rectangle

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



173.5260, -27.8673, 24.9717



167.9770, -18.7227, -14.8888



169.1840, 30.9683, -39.6264



178.2400, 19.6017, 12.9445

Sweetspot

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



173.5260, -27.8673, 24.9717



244.1940, -10.9416, 9.4769



146.1770, 1.8847, 48.9568



120.9100, -6.8576, 6.2179



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.



173.5260, -27.8673, 24.9717



212.3460, -41.5826, 37.4076



189.3200, -35.6538, 2.3504



98.5120, -3.2104, 3.0590



110.0950, -54.2768, 49.0287



25.4500, -12.5468, 11.0064

Inverse Universe

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



145.4740, 27.8673, -24.9717



170.6540, 41.5826, -37.4076



129.6800, 35.6538, -2.3504



95.4880, 3.2104, -3.0590



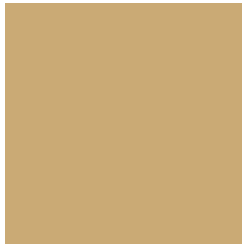
55.3180, 54.5662, -48.5139



12.5500, 12.5468, -11.0064

Previews

White Background



This preview shows how the YUV color 173.5260, -27.8673, 24.9717 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 173.5260, -27.8673, 24.9717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

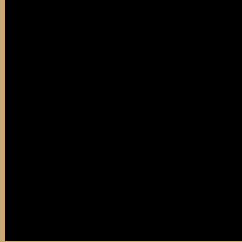
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.5260, -27.8673, 24.9717

Background



This preview shows how black text looks on a background with the YUV color 173.5260, -27.8673, 24.9717.



This preview shows how white text looks on a background with the YUV color 173.5260, -27.8673, 24.9717.

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

173.5260, -27.8673, 24.9717

Protanopia

172.8020, -26.5244, 14.2056

Deuteranopia

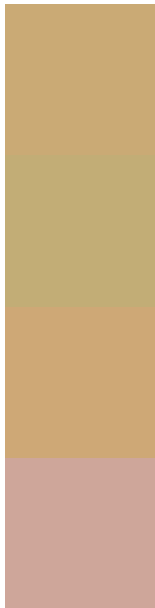
173.9720, -27.5942, 30.7196



Tritanopia

177.8230, -1.3917, 26.4652

Trichromacy



Original Color

173.5260, -27.8673, 24.9717

Protanomaly

173.0090, -27.1194, 18.4091

Deuteranomaly

173.6620, -27.4414, 28.3604

Tritanomaly

176.5920, -11.1379, 25.7908

Monochromacy



Original Color

173.5260, -27.8673, 24.9717

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.0090, -10.3574, 8.7621

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5260, -27.8673, 24.9717 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, 170, 117)` looks like.

```
.text, #text, p{  
    color:rgb(202, 170, 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(202, 170, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 170, 117) }
```

Border

The CSS property to change the border of an element to YUV 173.5260, -27.8673, 24.9717 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, 170, 117) }
```


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

```
.border{ border-color:rgb(202, 170, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 170, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 170, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 170, 117);  
box-shadow:4px 4px 4px 4px rgb(202, 170,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 173.5260, -27.8673, 24.9717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 170, 117) }
```

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

```
.background{ background-color: rgb(202,  
170, 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](#).

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