

Converting Colors

YUV(173.2700, -29.7131,
10.2872)

Have a look what the booklet for
YUV(173.2700, -29.7131, 10.2872)
contains.

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Color

**YUV(173.2700, -29.7131,
10.2872)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B371
RGB	185, 179, 113
RGB Percent	73%, 70%, 44%
CMY	0.2745, 0.2980, 0.5569
CMYK	0.00, 0.03, 0.39, 0.27
HSL	55°, 34%, 58%
HSV	55°, 39%, 73%
XYZ	39.1083, 43.7467, 22.0055
YIQ	173.2700, 24.7620, -19.2540

Conversions

Conversions Part 2

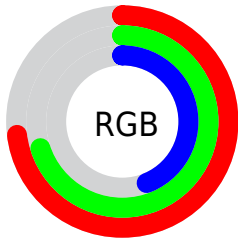
Format	Color
RYB	120, 185, 113
Decimal	12170097
CIELab	72.06, -7.67, 34.46
CIELCh	72, 35.301, 102.557
Yxy	43.7467, 0.3730, 0.4172
Android (android.graphics.Color)	4290360177 (0xFFB9B371)
YUV	173.2700, -29.7131, 10.2872
Hunter-Lab	66.1413, -10.2031, 26.5729

Details

The YUV color **173.2700, -29.7131, 10.2872** is a light color, and the websafe version is hex **999966**. A complement of this color would be **124.7300, 29.7131, -10.2872**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.2270, -31.1709, 11.2019**, and **120.4270, -27.8185, 9.2725** is the 20% darker color. If you saturate the color by 10%, you get **170.0440, -36.9967, 13.1164**, and if you desaturate by 10%, it is **176.6100, -21.9927, 7.3580**.

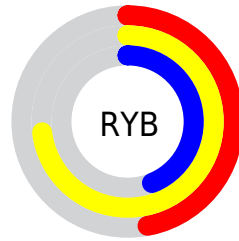
Distribution



Red (73%)

Green (70%)

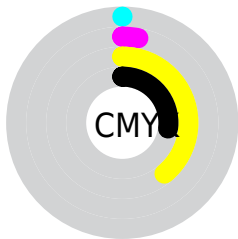
Blue (44%)



Red (47%)

Yellow (73%)

Blue (44%)

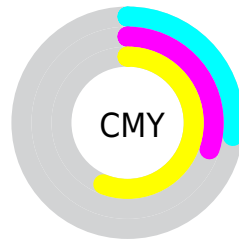


Cyan (0%)

Magenta (3%)

Yellow (39%)

Black (27%)



Cyan (27%)

Magenta (30%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.2700, -29.7131, 10.2872 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 173.2700, -29.7131, 10.2872 by changing the saturation by 10% instead.

■ 173.2700,
-29.7131, 10.2872

■ 173.2700,
-29.7131, 10.2872

■ 255.0000, 0.0000,
0.0000

■ 146.1990,
-28.6921, 9.4725

■ 229.2270,
-31.1709, 11.2019

■ 120.4270,
-27.8185, 9.2725

■ 247.9320,
-27.0815, 6.1986

■ 95.5300, -27.3763,
7.4282

■ 251.1240,
-14.8511, 3.3993

■ 71.2310, -27.2289,
6.8134

■ 254.4300, -2.1840,
0.4999

■ 48.7300, -24.0239,
5.4988

■ 29.2270, -14.4089,
1.5549

■ 7.6310, -3.7621,

-6.6924

■ 0.0000, 0.0000,
0.0000

■ 173.2700,
-29.7131, 10.2872

■ 173.2700,
-29.7131, 10.2872

■ 170.0440,
-36.9967, 13.1164

■ 176.6100,
-21.9927, 7.3580

■ 167.2910,
-45.0065, 15.5308

■ 179.2490,
-14.4198, 5.0436

■ 164.0650,
-52.2900, 18.3600

■ 182.5890, -6.6994,
2.1144

■ 161.3120,
-60.2998, 20.7744

■ 185.2280, 0.8736,
-0.2000

■ 157.9720,
-68.0202, 23.7036

■ 188.4540, 8.1572,
-3.0292

■ 155.3330,
-75.5932, 26.0180

■ 191.2070, 16.1669,
-5.4435

■ 155.1050,
-76.4668, 26.2179

■ 194.5470, 23.8873,
-8.3727

■ 196.5020, 28.8395,
-10.0873

■ 197.6760, 28.2607,
-11.1169

Harmonies

Analogous

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



176.1250, -29.6416, 34.0934



173.2700, -29.7131, 10.2872



169.4990, -20.4590, -17.9776

Triad

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



173.2700, -29.7131, 10.2872



156.2080, 30.9565, -82.6204



181.0280, 7.8742, 41.1944

Complementary

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



173.2700, -29.7131, 10.2872



124.7300, 29.7131, -10.2872

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.



180.4190, 21.4854, 15.4185



173.2700, -29.7131, 10.2872



166.1110, 34.9483, -56.2253

Square

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



173.2700, -29.7131, 10.2872



157.0660, 16.2365, -74.6029



175.7180, 31.1980, -19.9237



179.6800, -7.7302, 52.9006

Rectangle

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



173.2700, -29.7131, 10.2872



165.5380, -9.6322, -37.3058



175.7180, 31.1980, -19.9237



181.5370, 12.5533, 33.7321

Sweetspot

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



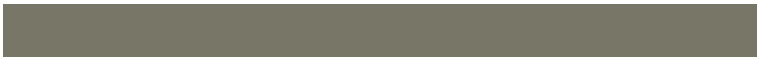
173.2700, -29.7131, 10.2872



234.9330, -11.7990, 4.4438



135.2120, -7.9925, 43.6641



116.8880, -6.8468, 2.7292



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



173.2700, -29.7131, 10.2872



221.2480, -46.4643, 16.4455



167.8220, -27.0272, -11.2449



90.3870, -3.6418, 1.4146



130.5850, -64.3784, 22.2890



23.6340, -11.6516, 3.8290

Inverse Universe

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



124.7300, 29.7131, -10.2872



145.1650, 46.7537, -15.9307



130.1780, 27.0272, 11.2449



84.0260, 3.9312, -0.8998



25.4150, 64.3784, -22.2890



4.3660, 11.6516, -3.8290

Previews

White Background



This preview shows how the YUV color 173.2700, -29.7131, 10.2872 looks on a white background.

Color Contrast Check

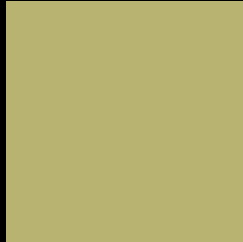
Large Text (above 18pt) WCAG AA × Fail

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 173.2700, -29.7131, 10.2872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

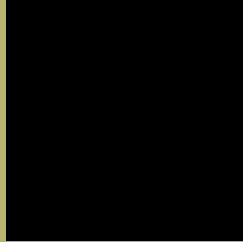
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.2700, -29.7131, 10.2872

Background



This preview shows how black text looks on a background with the YUV color 173.2700, -29.7131, 10.2872.



This preview shows how white text looks on a background with the YUV color 173.2700, -29.7131, 10.2872.

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

173.2700, -29.7131, 10.2872

Protanopia

174.0750, -30.6030, 15.7202

Deuteranopia

175.7010, -29.9256, 31.8342



Tritanopia

178.4730, 2.7248, 12.7402

Trichromacy



Original Color

173.2700, -29.7131, 10.2872

Protanomaly

173.7650, -30.4501, 13.3611

Deuteranomaly

174.9450, -30.0459, 23.7272

Tritanomaly

176.3730, -9.0579, 11.9509

Monochromacy



Original Color

173.2700, -29.7131, 10.2872

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.8620, -10.7780, 3.6290

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.2700, -29.7131, 10.2872 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(185, 179, 113)` looks like.

```
.text, #text, p{  
    color:rgb(185, 179, 113)  
}
```

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(185, 179, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 179, 113) }
```

Border

The CSS property to change the border of an element to YUV 173.2700, -29.7131, 10.2872 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(185, 179, 113) }
```


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

```
.border{ border-color:rgb(185, 179, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 179, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 179, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 179, 113);  
box-shadow:4px 4px 4px 4px rgb(185, 179,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 173.2700, -29.7131, 10.2872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 179, 113) }
```

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

```
.background{ background-color: rgb(185,  
179, 113) }
```

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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