

Converting Colors

YUV(172.9910, -2.9536,
14.0399)

Have a look what the booklet for
YUV(172.9910, -2.9536, 14.0399)
contains.

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Color

**YUV(172.9910, -2.9536,
14.0399)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA6A7
RGB	189, 166, 167
RGB Percent	74%, 65%, 65%
CMY	0.2588, 0.3490, 0.3451
CMYK	0.00, 0.12, 0.12, 0.26
HSL	357°, 15%, 70%
HSV	357°, 12%, 74%
XYZ	41.5975, 40.8813, 42.2577
YIQ	172.9910, 13.3870, 5.1870

Conversions

Conversions Part 2

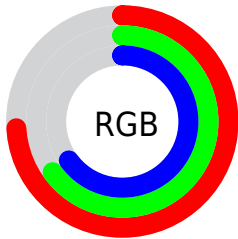
Format	Color
R _Y B	189, 166, 167
Decimal	12428967
CIE Lab	70.09, 8.53, 2.55
CIE LCh	70, 8.902, 16.648
Yxy	40.8813, 0.3335, 0.3277
Android (android.graphics.Color)	4290619047 (0xFFBDA6A7)
YUV	172.9910, -2.9536, 14.0399
Hunter-Lab	63.9385, 4.2375, 5.5715

Details

The YUV color $172.9910, -2.9536, 14.0399$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $182.0090, 2.9536, -14.0399$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $228.2900, -3.1010, 14.6547$, and $120.6920, -2.8062, 13.4251$ is the 20% darker color. If you saturate the color by 10%, you get $159.7860, -5.3175, 25.6207$, and if you desaturate by 10%, it is $186.1960, -0.5896, 2.4591$.

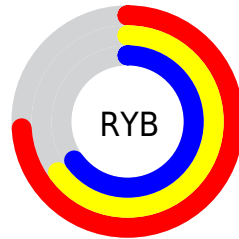
Distribution



Red (74%)

Green (65%)

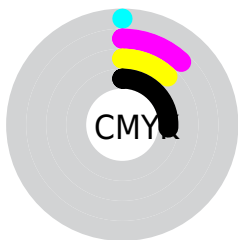
Blue (65%)



Red (74%)

Yellow (65%)

Blue (65%)

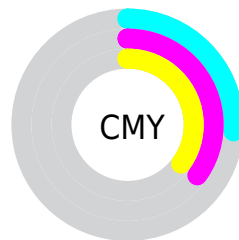


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (26%)



Cyan (26%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9910, -2.9536, 14.0399 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 172.9910, -2.9536, 14.0399 by changing the saturation by 10% instead.

■ 172.9910, -2.9536,
14.0399

■ 172.9910, -2.9536,
14.0399

255.0000, 0.0000,
0.0000

■ 146.6920, -2.8062,
13.4251

■ 228.2900, -3.1010,
14.6547

■ 120.6920, -2.8062,
13.4251

■ 251.6090, -0.3002,
2.9739

■ 96.0940, -2.5113,
12.1956

■ 71.7950, -2.3639,
11.5808

■ 49.4960, -2.2165,
10.9660

■ 28.1970, -2.0691,
10.3512

■ 5.9800, -2.9481,

12.2955

■ 0.0000, 0.0000,
0.0000

■ 172.9910, -2.9536,
14.0399

■ 172.9910, -2.9536,
14.0399

■ 159.7860, -5.3175,
25.6207

■ 186.1960, -0.5896,
2.4591

■ 146.5810, -7.6814,
37.2015

■ 199.4010, 1.7743,
-9.1217

■ 133.3760,
-10.0454, 48.7822

■ 212.6060, 4.1382,
-20.7025

■ 120.1710,
-12.4093, 60.3630

■ 225.8110, 6.5022,
-32.2832

■ 107.5530,
-15.0626, 71.4290

■ 235.2660, 9.7289,
-40.5753

■ 94.3480, -17.4266,
83.0098

■ 81.0290, -20.2273,
94.6906

■ 67.8240, -22.5912,
106.2714

■ 57.4230, -24.3655,
115.3930

Harmonies

Analogous

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



173.0060, 0.9830, 11.3957



172.9910, -2.9536, 14.0399



172.1820, -6.0057, 12.9954

Triad

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



172.9910, -2.9536, 14.0399



170.0010, -4.9305, -5.2629



170.4100, 8.1789, -10.0066

Complementary

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



172.9910, -2.9536, 14.0399



182.0090, 2.9536, -14.0399

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.



169.3340, 6.7373, -14.3249



172.9910, -2.9536, 14.0399



168.9940, -0.9830, -11.3957

Square

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



172.9910, -2.9536, 14.0399



170.4750, -7.1362, 2.2144



168.8240, 3.5378, -14.7546



171.6390, 7.5730, -2.3144

Rectangle

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



172.9910, -2.9536, 14.0399



172.1170, -7.4527, 10.4214



168.8240, 3.5378, -14.7546



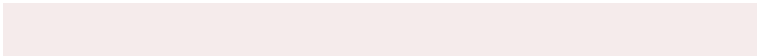
169.9860, 7.8949, -12.2657

Sweetspot

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



172.9910, -2.9536, 14.0399



237.9900, -1.4741, 6.1478



175.2000, 6.8034, 11.2256



117.9080, -0.4476, 3.5887



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.



172.9910, -2.9536, 14.0399



219.2910, -4.5805, 22.5468



178.7470, -6.2843, 8.9919



87.6910, -1.3267, 5.5330



48.0400, -20.2327, 96.4349



9.3830, -4.1328, 18.9581

Inverse Universe

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



172.9910, -2.9536, 14.0399



219.2910, -4.5805, 22.5468



176.2530, 6.2843, -8.9919



87.6910, -1.3267, 5.5330



48.0400, -20.2327, 96.4349



9.3830, -4.1328, 18.9581

Previews

White Background



This preview shows how the YUV color 172.9910, -2.9536, 14.0399 looks on a white background.

Color Contrast Check

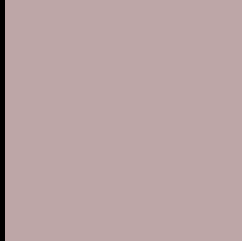
Large Text (above 18pt) WCAG AA × Fail

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 172.9910, -2.9536, 14.0399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

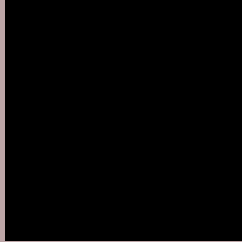
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.9910, -2.9536, 14.0399

Background



This preview shows how black text looks on a background with the YUV color 172.9910, -2.9536, 14.0399.



This preview shows how white text looks on a background with the YUV color 172.9910, -2.9536,

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

172.9910, -2.9536, 14.0399

Protanopia

172.0820, -1.0264, 2.5591

Deuteranopia

173.2900, -3.1010, 14.6547



Tritanopia

173.2560, 1.8458, 14.6845

Trichromacy



Original Color

172.9910, -2.9536, 14.0399

Protanomaly

172.2890, -1.6215, 6.7625

Deuteranomaly

173.2900, -3.1010, 14.6547

Tritanomaly

173.3870, -0.1908, 14.5696

Monochromacy



Original Color

172.9910, -2.9536, 14.0399

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.8050, -0.8899, 5.4330

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9910, -2.9536, 14.0399 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, 166, 167)` looks like.

```
.text, #text, p{  
    color:rgb(189, 166, 167)  
}
```

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, 166, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 166, 167) }
```

Border

The CSS property to change the border of an element to YUV 172.9910, -2.9536, 14.0399 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, 166, 167) }
```


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

```
.border{ border-color:rgb(189, 166, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 166, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 166, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 166, 167);  
box-shadow:4px 4px 4px 4px rgb(189, 166,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 172.9910, -2.9536, 14.0399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 166, 167) }
```

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

```
.background{ background-color: rgb(189,  
166, 167) }
```

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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