

Converting Colors

YUV(172.5010, -19.9670,
10.9616)

Have a look what the booklet for
YUV(172.5010, -19.9670, 10.9616)
contains.

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Color

**YUV(172.5010, -19.9670,
10.9616)**

Conversions

Conversions Part 1

Format	Color
Hex	B9AE84
RGB	185, 174, 132
RGB Percent	73%, 68%, 52%
CMY	0.2745, 0.3176, 0.4824
CMYK	0.00, 0.06, 0.29, 0.27
HSL	48°, 27%, 62%
HSV	48°, 29%, 73%
XYZ	39.3085, 42.2523, 27.9135
YIQ	172.5010, 20.0380, -10.7300

Conversions

Conversions Part 2

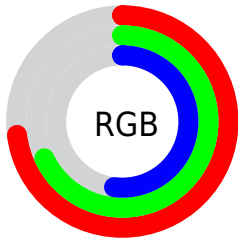
Format	Color
R_{YB}	146, 185, 132
Decimal	12168836
CIE Lab	71.04, -2.67, 23.02
CIE LCh	71, 23.179, 96.613
Yxy	42.2523, 0.3591, 0.3860
Android (android.graphics.Color)	4290358916 (0xFFB9AE84)
YUV	172.5010, -19.9670, 10.9616
Hunter-Lab	65.0018, -5.8090, 20.0405

Details

The YUV color **172.5010, -19.9670, 10.9616** is a light color, and the websafe version is hex **999966**. A complement of this color would be **144.4990, 19.9670, -10.9616**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.8710, -21.1354, 12.3911**, and **120.1310, -18.7986, 9.5321** is the 20% darker color. If you saturate the color by 10%, you get **168.1010, -26.6718, 14.8204**, and if you desaturate by 10%, it is **177.0150, -12.8254, 7.0028**.

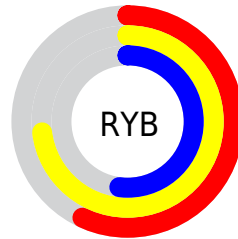
Distribution



Red (73%)

Green (68%)

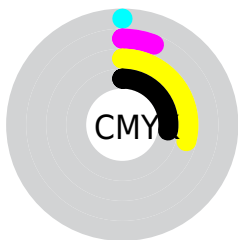
Blue (52%)



Red (57%)

Yellow (73%)

Blue (52%)

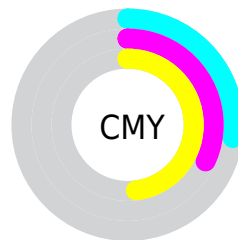


Cyan (0%)

Magenta (6%)

Yellow (29%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.5010, -19.9670, 10.9616 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 172.5010, -19.9670, 10.9616 by changing the saturation by 10% instead.

■ 172.5010,
-19.9670, 10.9616

■ 172.5010,
-19.9670, 10.9616

255.0000, 0.0000,
0.0000

■ 145.7290,
-19.0934, 10.7617

■ 227.8710,
-21.1354, 12.3911

■ 120.1310,
-18.7986, 9.5321

■ 250.2120,
-18.3455, 4.1991

■ 95.0600, -17.7776,
8.7174

■ 253.5180, -5.6784,
1.2997

■ 71.1740, -17.3408,
8.6174

■ 48.6900, -16.6092,
7.2879

■ 28.0750, -13.8410,
6.0732

■ 3.5220, -1.7363,

-3.0888

■ 0.0000, 0.0000,
0.0000

■ 172.5010,
-19.9670, 10.9616

■ 172.5010,
-19.9670, 10.9616

■ 168.1010,
-26.6718, 14.8204

■ 177.0150,
-12.8254, 7.0028

■ 163.5870,
-33.8134, 18.7792

■ 181.4150, -6.1206,
3.1440

■ 159.1870,
-40.5182, 22.6380

■ 185.9290, 1.0210,
-0.8147

■ 155.2600,
-47.9492, 26.0820

■ 189.7420, 8.0152,
-4.1587

■ 150.8600,
-54.6540, 29.9408

■ 194.2560, 15.1568,
-8.1175

■ 146.3460,
-61.7956, 33.8996

■ 198.6560, 21.8616,
-11.9763

■ 141.9460,
-68.5004, 37.7584

■ 202.3720, 25.9456,
-15.2352

■ 141.6040,
-69.8108, 38.0583

■ 204.7200, 24.7880,
-17.2944

■ 207.0680, 23.6305,
-19.3536

Harmonies

Analogous

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



174.5290, -18.9948, 25.8461



172.5010, -19.9670, 10.9616



170.0580, -14.8186, -7.0669

Triad

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



172.5010, -19.9670, 10.9616



165.2530, 16.1443, -44.9489



177.5760, 6.6180, 24.0508

Complementary

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



172.5010, -19.9670, 10.9616



144.4990, 19.9670, -10.9616

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.



176.4580, 15.5502, 5.7373



172.5010, -19.9670, 10.9616



168.6870, 21.3533, -35.6825

Square

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



172.5010, -19.9670, 10.9616



165.0550, 6.3819, -40.3902



172.9930, 20.7095, -15.7799



177.2970, -3.5974, 33.9425

Rectangle

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



172.5010, -19.9670, 10.9616



167.8760, -8.8129, -20.0623



172.9930, 20.7095, -15.7799



177.6400, 9.5445, 18.7327

Sweetspot

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



172.5010, -19.9670, 10.9616



234.5570, -8.1626, 4.7735



149.1010, -3.0078, 31.4834



116.7570, -4.8102, 2.8441



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.



172.5010, -19.9670, 10.9616



220.6730, -30.8978, 16.9498



174.4730, -20.9392, -3.9228



89.8000, -3.3524, 1.9294



118.8450, -58.5906, 32.5849



21.2860, -10.4940, 5.8882

Inverse Universe

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



144.4990, 19.9670, -10.9616



177.3270, 30.8978, -16.9498



142.5270, 20.9392, 3.9228



85.2000, 3.3524, -1.9294



36.5680, 58.8800, -32.0701



6.7140, 10.4940, -5.8882

Previews

White Background



This preview shows how the YUV color 172.5010, -19.9670, 10.9616 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 172.5010, -19.9670, 10.9616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

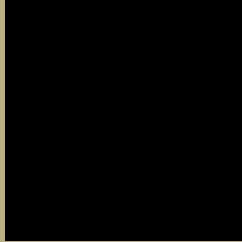
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.5010, -19.9670, 10.9616

Background



This preview shows how black text looks on a background with the YUV color 172.5010, -19.9670, 10.9616.

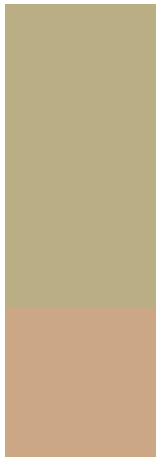


This preview shows how white text looks on a background with the YUV color 172.5010, -19.9670, 10.9616.

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

172.5010, -19.9670, 10.9616

Protanopia

172.8000, -20.1144, 11.5764

Deuteranopia

174.1870, -20.3052, 26.1460



Tritanopia

176.3590, 2.2880, 12.8402

Trichromacy



Original Color

172.5010, -19.9670, 10.9616

Protanomaly

172.8000, -20.1144, 11.5764

Deuteranomaly

173.8550, -20.1415, 20.2982

Tritanomaly

174.8830, -5.8583, 12.3806

Monochromacy



Original Color

172.5010, -19.9670, 10.9616

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.4860, -7.1416, 3.9588

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.5010, -19.9670, 10.9616 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, 174, 132)` looks like.

```
.text, #text, p{  
    color:rgb(185, 174, 132)  
}
```

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, 174, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 174, 132) }
```

Border

The CSS property to change the border of an element to YUV 172.5010, -19.9670, 10.9616 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, 174, 132) }
```


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

```
.border{ border-color:rgb(185, 174, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 174, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 174, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 174, 132);  
box-shadow:4px 4px 4px 4px rgb(185, 174,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 172.5010, -19.9670, 10.9616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 174, 132) }
```

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

```
.background{ background-color: rgb(185,  
174, 132) }
```

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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