

Converting Colors

YUV(170.8000, 0.0986, 15.0844)

Have a look what the booklet for
YUV(170.8000, 0.0986, 15.0844)
contains.

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Color

**YUV(170.8000, 0.0986,
15.0844)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA2AB
RGB	188, 162, 171
RGB Percent	74%, 64%, 67%
CMY	0.2627, 0.3647, 0.3294
CMYK	0.00, 0.14, 0.09, 0.26
HSL	339°, 16%, 69%
HSV	339°, 14%, 74%
XYZ	41.0101, 39.4723, 43.9855
YIQ	170.8000, 12.6070, 8.3110

Conversions

Conversions Part 2

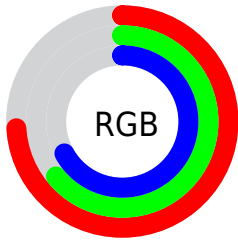
Format	Color
R_{YB}	188, 162, 171
Decimal	12362411
CIE _{Lab}	69.09, 11.05, -1.14
CIE _{LCh}	69, 11.104, 354.124
Yxy	39.4723, 0.3295, 0.3171
Android (android.graphics.Color)	4290552491 (0xFFBCA2AB)
YUV	170.8000, 0.0986, 15.0844
Hunter-Lab	62.8270, 6.5679, 2.4696

Details

The YUV color **170.8000, 0.0986, 15.0844** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **179.2000, -0.0986, -15.0844**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.0990, -0.0488, 15.6992**, and **118.5010, 0.2460, 14.4696** is the 20% darker color. If you saturate the color by 10%, you get **158.2790, 0.3555, 26.0653**, and if you desaturate by 10%, it is **183.3210, -0.1583, 4.1035**.

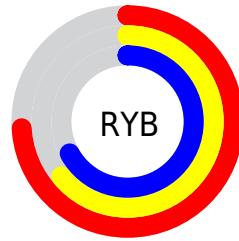
Distribution



Red (74%)

Green (64%)

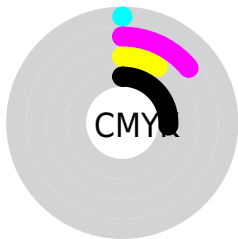
Blue (67%)



Red (74%)

Yellow (64%)

Blue (67%)

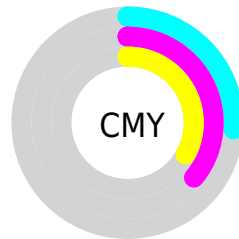


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (26%)



Cyan (26%)


Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 170.8000, 0.0986, 15.0844 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 170.8000, 0.0986, 15.0844 by changing the saturation by 10% instead.


 170.8000, 0.0986,
15.0844


 170.8000, 0.0986,
15.0844


255.0000, 0.0000,
0.0000

 144.5010, 0.2460,
14.4696

 226.0990, -0.0488,
15.6992


 118.5010, 0.2460,
14.4696

 249.1300, 2.8939,
5.1480

 93.7890, 0.1040,
13.3400

 70.4900, 0.2514,
12.7253

 47.7780, 0.1094,
11.5957

 26.4790, 0.2569,
10.9809

 5.0830, -2.5059,

10.4512

■ 0.0000, 0.0000,
0.0000

■ 170.8000, 0.0986,
15.0844

■ 170.8000, 0.0986,
15.0844

■ 158.2790, 0.3555,
26.0653

■ 183.3210, -0.1583,
4.1035

■ 145.6440, 0.1755,
37.1462

■ 195.9560, 0.0217,
-6.9774

■ 133.7100, 0.1430,
47.6123

■ 207.8900, 0.0542,
-17.4435

■ 121.1890, 0.3998,
58.5932

■ 220.4110, -0.2026,
-28.4244

■ 108.6680, 0.6567,
69.5742

■ 232.3450, -0.1701,
-38.8906

■ 96.0330, 0.4767,
80.6551

■ 233.8270, 5.5083,
-40.1903

■ 83.5120, 0.7336,
91.6360

■ 234.9670, 9.8763,
-41.1901

■ 71.5780, 0.7010,
102.1021

■ 63.6220, 0.6794,
109.0795

Harmonies

Analogous

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



170.7220, 5.0671, 8.1368



170.8000, 0.0986, 15.0844



170.2580, -4.5642, 17.3137

Triad

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



170.8000, 0.0986, 15.0844



167.7090, -8.7305, 0.2552



166.2950, 9.2216, -17.7987

Complementary

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



170.8000, 0.0986, 15.0844



179.2000, -0.0986, -15.0844

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.



164.9590, 5.4432, -19.2580



170.8000, 0.0986, 15.0844



166.0930, -4.4828, -8.8516

Square

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



170.8000, 0.0986, 15.0844



168.5360, -9.6312, 9.1769



165.6020, 0.1962, -16.3140



167.8660, 9.9261, -10.4065

Rectangle

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



170.8000, 0.0986, 15.0844



169.8620, -7.3270, 16.7840



165.6020, 0.1962, -16.3140



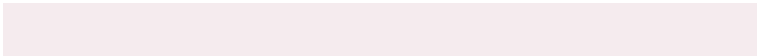
166.2410, 7.7692, -18.6284

Sweetspot

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



170.8000, 0.0986, 15.0844



238.3320, -0.1637, 5.8478



170.0470, 8.8508, 7.8518



118.0220, -0.0108, 3.4887



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.



170.8000, 0.0986, 15.0844



217.2680, 0.3609, 24.3210



172.1220, -4.9901, 13.9250



88.0330, -0.0163, 5.2331



53.5120, 0.7336, 91.6360



10.5230, 0.2352, 17.9583

Inverse Universe

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



170.8000, 0.0986, 15.0844



217.2680, 0.3609, 24.3210



177.8780, 4.9901, -13.9250



88.0330, -0.0163, 5.2331



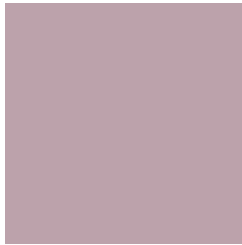
53.5120, 0.7336, 91.6360



10.5230, 0.2352, 17.9583

Previews

White Background



This preview shows how the YUV color 170.8000, 0.0986, 15.0844 looks on a white background.

Color Contrast Check

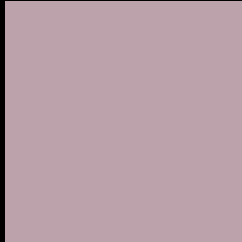
Large Text (above 18pt) WCAG AA × Fail

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 170.8000, 0.0986, 15.0844 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 170.8000, 0.0986, 15.0844 Background



This preview shows how black text looks on a background with the YUV color 170.8000, 0.0986, 15.0844.



This preview shows how white text looks on a background with the YUV color 170.8000, 0.0986,

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

170.8000, 0.0986, 15.0844

Protanopia

169.2820, 2.3260, 0.6297

Deuteranopia

170.1910, 0.3988, 12.1105



Tritanopia

171.1420, 1.4090, 14.7845

Trichromacy



Original Color

170.8000, 0.0986, 15.0844

Protanomaly

170.0870, 1.4361, 6.0627

Deuteranomaly

170.4900, 0.2514, 12.7253

Tritanomaly

171.0280, 0.9722, 14.8844

Monochromacy



Original Color

170.8000, 0.0986, 15.0844

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.0330, -0.0163, 5.2331

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.8000, 0.0986, 15.0844 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(188, 162, 171)` looks like.

```
.text, #text, p{  
    color:rgb(188, 162, 171)  
}
```

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(188, 162, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 162, 171) }
```

Border

The CSS property to change the border of an element to YUV 170.8000, 0.0986, 15.0844 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(188, 162, 171) }
```


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

```
.border{ border-color:rgb(188, 162, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 162, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 162, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 162, 171);  
box-shadow:4px 4px 4px 4px rgb(188, 162,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 170.8000, 0.0986, 15.0844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 162, 171) }
```

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

```
.background{ background-color: rgb(188,  
162, 171) }
```

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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