

Converting Colors

YUV(170.7300, -3.8109, 9.0068)

Have a look what the booklet for
YUV(170.7300, -3.8109, 9.0068)
contains.

YUV(170.7300, -3.8109, 9.0068)	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(170.7300, -3.8109,
9.0068)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A7A3
RGB	181, 167, 163
RGB Percent	71%, 65%, 64%
CMY	0.2902, 0.3451, 0.3608
CMYK	0.00, 0.08, 0.10, 0.29
HSL	13°, 11%, 67%
HSV	13°, 10%, 71%
XYZ	39.4856, 40.1055, 40.3104
YIQ	170.7300, 9.6280, 1.7240

Conversions

Conversions Part 2

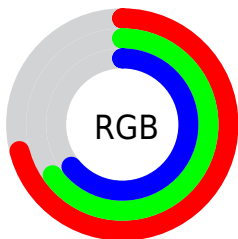
Format	Color
RYB	181, 168, 163
Decimal	11904931
CIELab	69.54, 4.35, 3.88
CIELCh	70, 5.833, 41.713
Yxy	40.1055, 0.3293, 0.3345
Android (android.graphics.Color)	4290095011 (0xFFB5A7A3)
YUV	170.7300, -3.8109, 9.0068
Hunter-Lab	63.3289, 0.4692, 6.5908

Details

The YUV color **170.7300, -3.8109, 9.0068** is a light color, and the websafe version is hex **999999**. A complement of this color would be **173.2700, 3.8109, -9.0068**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.0290, -3.9583, 9.6216**, and **118.4310, -3.6635, 8.3920** is the 20% darker color. If you saturate the color by 10%, you get **160.4600, -7.6218, 18.0136**, and if you desaturate by 10%, it is **181.0000, 0.0000, 0.0000**.

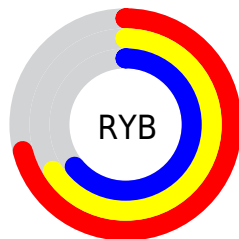
Distribution



Red (71%)

Green (65%)

Blue (64%)



Red (71%)

Yellow (66%)

Blue (64%)

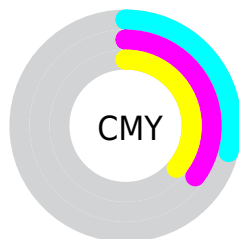


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.7300, -3.8109, 9.0068 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 170.7300, -3.8109, 9.0068 by changing the saturation by 10% instead.

■ 170.7300, -3.8109,
9.0068

■ 170.7300, -3.8109,
9.0068

255.0000, 0.0000,
0.0000

■ 144.4310, -3.6635,
8.3920

■ 226.0290, -3.9583,
9.6216

■ 118.4310, -3.6635,
8.3920

■ 251.6260, -2.7736,
2.9590

■ 94.1320, -3.5161,
7.7772

■ 70.2460, -3.0793,
7.6773

■ 47.9470, -2.9319,
7.0625

■ 26.6480, -2.7845,
6.4477

■ 1.7940, -0.8844,

3.6887

0.0000, 0.0000,
0.0000

170.7300, -3.8109,
9.0068

170.7300, -3.8109,
9.0068

160.4600, -7.6218,
18.0136

181.0000, 0.0000,
0.0000

150.1900,
-11.4327, 27.0204

191.2700, 3.8109,
-9.0068

139.9200,
-15.2436, 36.0272

201.5400, 7.6218,
-18.0136

129.6500,
-19.0545, 45.0339

211.8100, 11.4327,
-27.0204

119.2660,
-23.3021, 54.1407

222.0800, 15.2436,
-36.0272

■ 108.9960,
-27.1130, 63.1475

■ 230.5260, 12.0657,
-43.4343

■ 98.1390, -30.6345,
72.6691

■ 232.8740, 10.9081,
-45.4935

■ 87.8690, -34.4454,
81.6759

■ 77.5990, -38.2563,
90.6827

Harmonies

Analogous

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



170.7130, -1.3375, 9.0217



170.7300, -3.8109, 9.0068



170.0780, -4.9685, 6.9476

Triad

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



170.7300, -3.8109, 9.0068



168.6140, -1.2887, -6.6775



170.2430, 4.8102, -2.8441

Complementary

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



170.7300, -3.8109, 9.0068



173.2700, 3.8109, -9.0068

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.



169.0360, 5.4053, -7.0476



170.7300, -3.8109, 9.0068



168.1020, 1.9217, -9.7365

Square

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



170.7300, -3.8109, 9.0068



169.0660, -3.4835, -2.6889



168.9710, 3.9583, -9.6216



170.9340, 3.4835, 2.6889

Rectangle

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



170.7300, -3.8109, 9.0068



169.9420, -5.3944, 3.5589



168.9710, 3.9583, -9.6216



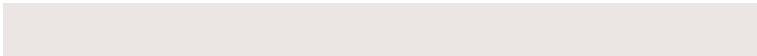
169.6450, 5.1050, -4.0737

Sweetspot

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



170.7300, -3.8109, 9.0068



230.6800, -1.3212, 3.7886



169.9780, 3.4618, 9.6663



114.7830, -0.8790, 1.9443



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



170.7300, -3.8109, 9.0068



218.7800, -6.3005, 14.2249



176.0130, -6.4154, 4.3736



83.8650, -1.9054, 4.5034



65.7050, -32.3926, 76.5577



11.2960, -5.5689, 12.8954

Inverse Universe

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



173.2700, 3.8109, -9.0068



222.2200, 6.3005, -14.2249



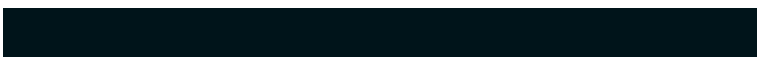
167.9870, 6.4154, -4.3736



85.1350, 1.9054, -4.5034



87.2950, 32.3926, -76.5577



14.7040, 5.5689, -12.8954

Previews

White Background



This preview shows how the YUV color 170.7300, -3.8109, 9.0068 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 170.7300, -3.8109, 9.0068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

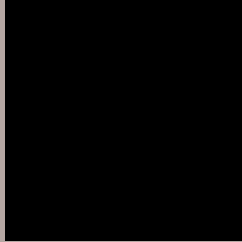
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.7300, -3.8109, 9.0068

Background



This preview shows how black text looks on a background with the YUV color 170.7300, -3.8109, 9.0068.



This preview shows how white text looks on a background with the YUV color 170.7300, -3.8109,

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

170.7300, -3.8109, 9.0068

Protanopia

169.9250, -2.9210, 3.5738

Deuteranopia

171.4750, -3.6852, 15.3694



Tritanopia

171.8640, 3.0250, 9.7663

Trichromacy



Original Color

170.7300, -3.8109, 9.0068

Protanomaly

170.2350, -3.0739, 5.9329

Deuteranomaly

171.1650, -3.5323, 13.0103

Tritanomaly

171.5820, 0.6991, 9.1366

Monochromacy



Original Color

170.7300, -3.8109, 9.0068

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.2670, -1.6106, 3.2738

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.7300, -3.8109, 9.0068 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(181, 167, 163)` looks like.

```
.text, #text, p{  
    color:rgb(181, 167, 163)  
}
```

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(181, 167, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 167, 163) }
```

Border

The CSS property to change the border of an element to YUV 170.7300, -3.8109, 9.0068 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(181, 167, 163) }
```


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

```
.border{ border-color:rgb(181, 167, 163) }
```

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

Here you see how a box with a 4 pixel rgb(181, 167, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 167, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 167, 163);  
box-shadow:4px 4px 4px 4px rgb(181, 167,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 170.7300, -3.8109, 9.0068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 167, 163) }
```

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

```
.background{ background-color: rgb(181,  
167, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor