

Converting Colors

YUV(168.7570, 5.0498,
-33.1129)

Have a look what the booklet for
YUV(168.7570, 5.0498, -33.1129)
contains.

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Color

**YUV(168.7570, 5.0498,
-33.1129)**

Conversions

Conversions Part 1

Format	Color
Hex	83BAB3
RGB	131, 186, 179
RGB Percent	51%, 73%, 70%
CMY	0.4863, 0.2706, 0.2980
CMYK	0.30, 0.00, 0.04, 0.27
HSL	172°, 28%, 62%
HSV	172°, 30%, 73%
XYZ	35.0557, 43.1978, 49.1382
YIQ	168.7570, -30.5330, -13.8370

Conversions

Conversions Part 2

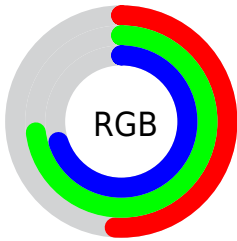
Format	Color
R _{YB}	131, 160, 186
Decimal	8633011
CIE Lab	71.69, -19.40, -2.22
CIE LCh	72, 19.524, 186.531
Yxy	43.1978, 0.2752, 0.3391
Android (android.graphics.Color)	4286823091 (0xFF83BAB3)
YUV	168.7570, 5.0498, -33.1129
Hunter-Lab	65.7250, -19.8125, 1.6803

Details

The YUV color **168.7570, 5.0498, -33.1129** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **148.2430, -5.0498, 33.1129**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.4580, 5.1972, -33.7277**, and **116.0560, 4.9024, -32.4981** is the 20% darker color. If you saturate the color by 10%, you get **162.8480, 6.9769, -44.5937**, and if you desaturate by 10%, it is **174.6660, 3.1227, -21.6321**.

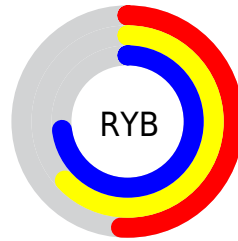
Distribution



Red (51%)

Green (73%)

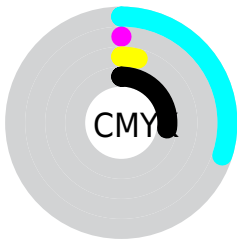
Blue (70%)



Red (51%)

Yellow (63%)

Blue (73%)

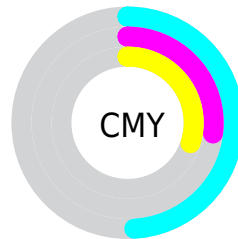


Cyan (30%)

Magenta (0%)

Yellow (4%)

Black (27%)



Cyan (49%)

Magenta (27%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.7570, 5.0498, -33.1129 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 168.7570, 5.0498, -33.1129 by changing the saturation by 10% instead.

■ 168.7570, 5.0498,
-33.1129

■ 168.7570, 5.0498,
-33.1129

255.0000, 0.0000,
0.0000

■ 142.0560, 4.9024,
-32.4981

■ 224.4580, 5.1972,
-33.7277

■ 116.0560, 4.9024,
-32.4981

■ 242.7410, 6.0437,
-25.2059

■ 90.4690, 5.1918,
-31.9833

■ 251.4120, 1.7689,
-7.3773

■ 65.8710, 5.4866,
-33.2129

■ 41.4900, 6.6604,
-36.3867

■ 25.4810, 3.7069,
-22.3468

■ 8.2980, 1.3321,

-7.2773

■ 0.0000, 0.0000,
0.0000

■ 168.7570, 5.0498,
-33.1129

■ 168.7570, 5.0498,
-33.1129

■ 162.8480, 6.9769,
-44.5937

■ 174.6660, 3.1227,
-21.6321

■ 157.1240, 8.3199,
-55.3597

■ 180.3900, 1.7797,
-10.8660

■ 151.2150, 10.2470,
-66.8406

■ 186.2990, -0.1474,
0.6148

■ 145.6050, 12.0267,
-77.7066

■ 191.9090, -1.9271,
11.4808

■ 139.5820, 13.5171,
-89.0874

■ 197.9320, -3.4175,
22.8616

■ 133.6730, 15.4442,
-100.5682

■ 203.8410, -5.3446,
34.3424

■ 127.9490, 16.7871,
-111.3343

■ 207.7710, -5.8031,
41.4198

■ 127.6500, 16.9346,
-111.9490

■ 207.9990, -4.9295,
41.2199

■ 208.2270, -4.0559,
41.0199

Harmonies

Analogous

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



170.6030, -4.7343, -21.5768



168.7570, 5.0498, -33.1129



169.2110, 13.2070, -36.1420

Triad

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



168.7570, 5.0498, -33.1129



178.0620, 12.7874, 5.2076



176.4900, -16.5106, 22.3723

Complementary

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



168.7570, 5.0498, -33.1129



148.2430, -5.0498, 33.1129

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.



177.6140, -11.1487, 29.2795



168.7570, 5.0498, -33.1129



178.9130, 5.4659, 20.2473

Square

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



168.7570, 5.0498, -33.1129



175.2060, 17.6464, -13.3357



178.6770, -3.2918, 29.2243



174.5870, -17.0514, 9.1322

Rectangle

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



168.7570, 5.0498, -33.1129



170.8570, 16.8325, -32.3236



178.6770, -3.2918, 29.2243



176.9680, -14.7742, 25.4611

Sweetspot

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



168.7570, 5.0498, -33.1129



235.0800, 1.9326, -13.2252



165.3780, -16.9484, -24.0105



117.9990, 1.4795, -7.8921



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.



168.7570, 5.0498, -33.1129



215.3310, 7.7248, -51.1563



157.8150, 13.8952, -23.5168



89.1950, 0.8899, -5.4330



107.0760, 14.2595, -93.9057



19.1720, 2.3802, -16.8138

Inverse Universe

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



148.2430, -5.0498, 33.1129



183.6690, -7.7248, 51.1563



159.1850, -13.8952, 23.5168



85.8050, -0.8899, 5.4330



48.9240, -14.2595, 93.9057



8.8280, -2.3802, 16.8138

Previews

White Background



This preview shows how the YUV color 168.7570, 5.0498, -33.1129 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 168.7570, 5.0498, -33.1129 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 168.7570, 5.0498, -33.1129

Background



This preview shows how black text looks on a background with the YUV color 168.7570, 5.0498, -33.1129.

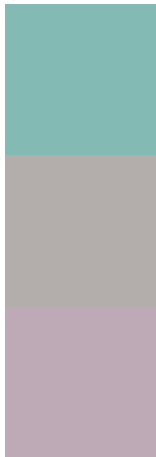


This preview shows how white text looks on a background with the YUV color 168.7570, 5.0498, -33.1129.

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

168.7570, 5.0498, -33.1129

Protanopia

175.2670, -1.6106, 3.2738

Deuteranopia

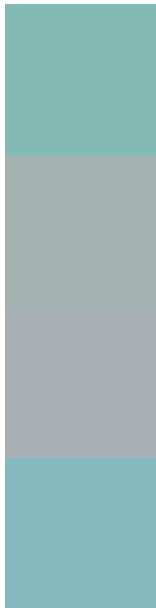
177.0490, 2.4408, 10.4810



Tritanopia

170.3580, 13.6275, -31.0090

Trichromacy



Original Color

168.7570, 5.0498, -33.1129

Protanomaly

172.8740, 1.0481, -9.5365

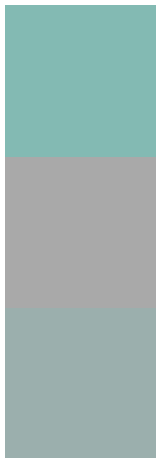
Deuteranomaly

174.1780, 3.3632, -5.4181

Tritanomaly

169.8480, 10.4279, -31.4387

Monochromacy



Original Color

168.7570, 5.0498, -33.1129

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.7920, 2.0745, -12.0956

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.7570, 5.0498, -33.1129 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(131, 186, 179)` looks like.

```
.text, #text, p{  
    color:rgb(131, 186, 179)  
}
```

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(131, 186, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 186, 179) }
```

Border

The CSS property to change the border of an element to YUV 168.7570, 5.0498, -33.1129 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(131, 186, 179) }
```


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

```
.border{ border-color:rgb(131, 186, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 186, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 186, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 186, 179);  
box-shadow:4px 4px 4px 4px rgb(131, 186,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 168.7570, 5.0498, -33.1129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 186, 179) }
```

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

```
.background{ background-color: rgb(131,  
186, 179) }
```

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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