

Converting Colors

YUV(167.0110, 9.8546,
-34.2126)

Have a look what the booklet for
YUV(167.0110, 9.8546, -34.2126)
contains.

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Color

**YUV(167.0110, 9.8546,
-34.2126)**

Conversions

Conversions Part 1

Format	Color
Hex	80B7BB
RGB	128, 183, 187
RGB Percent	50%, 72%, 73%
CMY	0.4980, 0.2824, 0.2667
CMYK	0.32, 0.02, 0.00, 0.27
HSL	184°, 30%, 62%
HSV	184°, 32%, 73%
XYZ	34.8052, 42.0440, 53.2946
YIQ	167.0110, -34.0640, -10.4160

Conversions

Conversions Part 2

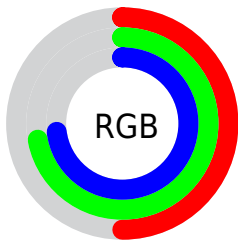
Format	Color
R_{YB}	128, 156, 187
Decimal	8435643
CIE _{Lab}	70.90, -16.86, -7.79
CIE _{LCh}	71, 18.570, 204.795
Yxy	42.0440, 0.2674, 0.3231
Android (android.graphics.Color)	4286625723 (0xFF80B7BB)
YUV	167.0110, 9.8546, -34.2126
Hunter-Lab	64.8414, -17.6581, -3.3428

Details

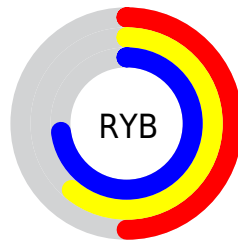
The YUV color **167.0110, 9.8546, -34.2126** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **147.9890, -9.8546, 34.2126**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7120, 10.0020, -34.8274**, and **114.3100, 9.7072, -33.5979** is the 20% darker color. If you saturate the color by 10%, you get **160.7430, 12.9447, -45.3786**, and if you desaturate by 10%, it is **173.2790, 6.7645, -23.0467**.

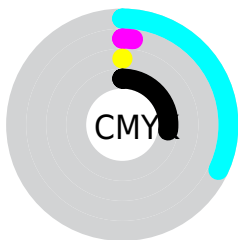
Distribution



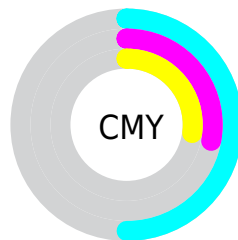
- Red (50%)
- Green (72%)
- Blue (73%)



- Red (50%)
- Yellow (61%)
- Blue (73%)



- Cyan (32%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (50%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.0110, 9.8546, -34.2126 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 167.0110, 9.8546, -34.2126 by changing the saturation by 10% instead.

■ 167.0110, 9.8546,
-34.2126

■ 167.0110, 9.8546,
-34.2126

255.0000, 0.0000,
0.0000

■ 140.3100, 9.7072,
-33.5979

■ 222.7120, 10.0020,
-34.8274

■ 114.3100, 9.7072,
-33.5979

■ 241.8440, 6.4859,
-27.0502

■ 89.0110, 9.8546,
-34.2126

■ 250.5150, 2.2111,
-9.2217

■ 63.1140, 10.2968,
-36.0570

■ 40.4130, 10.1494,
-35.4422

■ 24.9910, 6.9064,
-21.9171

■ 6.2750, 6.2734,

-5.5032

■ 0.0000, 0.0000,
0.0000

■ 167.0110, 9.8546,
-34.2126

■ 167.0110, 9.8546,
-34.2126

■ 160.7430, 12.9447,
-45.3786

■ 173.2790, 6.7645,
-23.0467

■ 154.1870, 16.1768,
-55.4150

■ 179.8350, 3.5323,
-13.0103

■ 147.9190, 19.2669,
-66.5810

■ 186.1030, 0.4422,
-1.8443

■ 141.6510, 22.3571,
-77.7469

■ 192.3710, -2.6479,
9.3216

■ 135.6820, 25.2998,
-88.2981

■ 198.6390, -5.7380,
20.4876

■ 128.8270, 28.6793,
-98.9493

■ 205.1950, -8.9701,
30.5240

■ 123.4560, 31.3272,
-108.2709

■ 210.2670,
-11.4706, 39.2308

■ 210.8540,
-11.7600, 38.7160

■ 211.4410,
-12.0494, 38.2012

Harmonies

Analogous

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



167.4650, 1.2498, -27.5948



167.0110, 9.8546, -34.2126



168.3410, 16.1009, -30.9941

Triad

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



167.0110, 9.8546, -34.2126



176.5640, 8.1029, 14.4144



173.1470, -16.3415, 14.7801

Complementary

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



167.0110, 9.8546, -34.2126



147.9890, -9.8546, 34.2126

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.



174.8970, -13.7532, 24.6463



167.0110, 9.8546, -34.2126



176.8660, 0.0661, 25.5505

Square

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



167.0110, 9.8546, -34.2126



174.7730, 14.4089, -1.5549



175.8250, -7.8017, 29.0945



171.6290, -14.1141, 0.3254

Rectangle

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



167.0110, 9.8546, -34.2126



171.0260, 17.2422, -23.7018



175.8250, -7.8017, 29.0945



173.5820, -16.0629, 18.7836

Sweetspot

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



167.0110, 9.8546, -34.2126



234.8350, 3.5323, -13.0103



163.0890, -15.3269, -30.7731



117.5260, 2.2057, -7.4773



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.



167.0110, 9.8546, -34.2126



210.9700, 15.2978, -53.4707



149.9880, 18.2469, -19.2835



91.3090, 1.3267, -5.5330



104.3010, 26.4736, -91.4720



20.5570, 5.1484, -18.0285

Inverse Universe

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



151.9110, 15.3269, 30.7731



187.3120, 24.0032, 47.9614



165.0120, -18.2469, 19.2835



88.7170, 2.6045, 4.6332



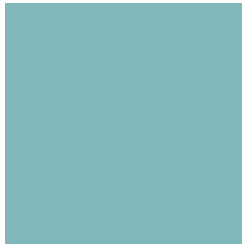
64.0000, 40.9190, 82.4380



12.5750, 8.0975, 16.1587

Previews

White Background



This preview shows how the YUV color 167.0110, 9.8546, -34.2126 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 167.0110, 9.8546, -34.2126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

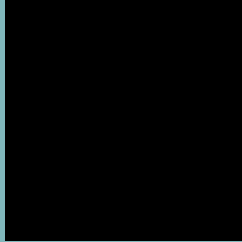
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.0110, 9.8546, -34.2126

Background



This preview shows how black text looks on a background with the YUV color 167.0110, 9.8546, -34.2126.

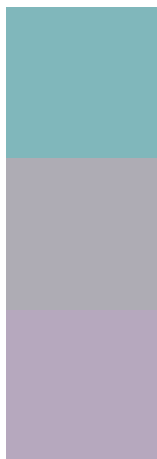


This preview shows how white text looks on a background with the YUV color 167.0110, 9.8546,

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

167.0110, 9.8546, -34.2126

Protanopia

173.5100, 3.1996, 0.4297

Deuteranopia

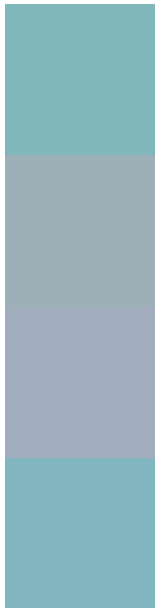
174.6940, 7.5459, 6.4074



Tritanopia

168.0480, 13.7803, -33.3681

Trichromacy



Original Color

167.0110, 9.8546, -34.2126

Protanomaly

171.1170, 5.8583, -12.3806

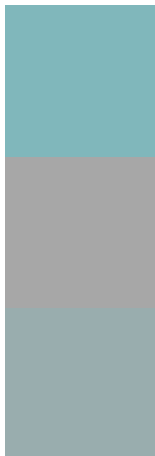
Deuteranomaly

171.5350, 8.6102, -8.3622

Tritanomaly

167.4070, 12.6173, -33.6829

Monochromacy



Original Color

167.0110, 9.8546, -34.2126

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.1340, 3.3849, -12.3955

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.0110, 9.8546, -34.2126 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(128, 183, 187)` looks like.

```
.text, #text, p{  
    color:rgb(128, 183, 187)  
}
```

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(128, 183, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 183, 187) }
```

Border

The CSS property to change the border of an element to YUV 167.0110, 9.8546, -34.2126 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(128, 183, 187) }
```


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

```
.border{ border-color:rgb(128, 183, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 183, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 183, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 183, 187);  
box-shadow:4px 4px 4px 4px rgb(128, 183,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 167.0110, 9.8546, -34.2126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 183, 187) }
```

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

```
.background{ background-color: rgb(128,  
183, 187) }
```

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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