

Converting Colors

YUV(189.7570, 5.0498,
-33.1129)

Have a look what the booklet for
YUV(189.7570, 5.0498, -33.1129)
contains.

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Color

**YUV(189.7570, 5.0498,
-33.1129)**

Conversions

Conversions Part 1

Format	Color
Hex	98CFC8
RGB	152, 207, 200
RGB Percent	60%, 81%, 78%
CMY	0.4039, 0.1882, 0.2157
CMYK	0.27, 0.00, 0.03, 0.19
HSL	172°, 36%, 70%
HSV	172°, 27%, 81%
XYZ	45.6870, 55.4712, 62.9426
YIQ	189.7570, -30.5330, -13.8370

Conversions

Conversions Part 2

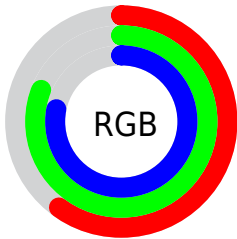
Format	Color
RYB	152, 181, 207
Decimal	10014664
CIELab	79.31, -19.16, -2.28
CIELCh	79, 19.291, 186.774
Yxy	55.4712, 0.2784, 0.3380
Android (android.graphics.Color)	4288204744 (0xFF98CFC8)
YUV	189.7570, 5.0498, -33.1129
Hunter-Lab	74.4790, -20.8424, 2.0289

Details

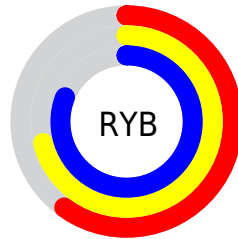
The YUV color $189.7570, 5.0498, -33.1129$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $169.2430, -5.0498, 33.1129$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.6480, 7.0755, -29.5093$, and $136.0560, 4.9024, -32.4981$ is the 20% darker color. If you saturate the color by 10%, you get $183.1360, 6.8350, -45.7233$, and if you desaturate by 10%, it is $196.3780, 3.2646, -20.5025$.

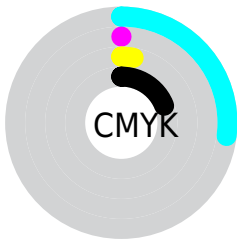
Distribution



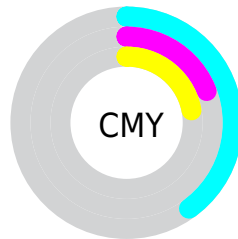
- Red (60%)
- Green (81%)
- Blue (78%)



- Red (60%)
- Yellow (71%)
- Blue (81%)



- Cyan (27%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (40%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.7570, 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 189.7570, 5.0498, -33.1129 by changing the saturation by 10% instead.

■ 189.7570, 5.0498,
-33.1129

■ 189.7570, 5.0498,
-33.1129

255.0000, 0.0000,
0.0000

■ 162.1700, 5.3392,
-32.5981

■ 240.6480, 7.0755,
-29.5093

■ 136.0560, 4.9024,
-32.4981

■ 249.3190, 2.8007,
-11.6808

■ 109.7680, 5.0444,
-31.3685

■ 84.5830, 5.6286,
-32.0833

■ 59.9850, 5.9234,
-33.3128

■ 37.3980, 6.2128,
-32.7980

■ 22.6770, 3.1172,

-19.8877

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 189.7570, 5.0498,
-33.1129

■ 189.7570, 5.0498,
-33.1129

■ 183.1360, 6.8350,
-45.7233

■ 196.3780, 3.2646,
-20.5025

■ 176.9280, 8.9095,
-57.8189

■ 202.5860, 1.1901,
-8.4069

■ 170.3070, 10.6946,
-70.4292

■ 209.2070, -0.5951,
4.2035

■ 163.6860, 12.4798,
-83.0396

■ 215.8280, -2.3802,
16.8138

■ 157.4780, 14.5543,
-95.1352

■ 222.0360, -4.4547,
28.9094

■ 150.8570, 16.3395,
-107.7456

■ 222.3780, -3.1444,
28.6095

■ 144.3500, 18.5615,
-120.4560

■ 222.6060, -2.2708,
28.4095

■ 142.1430, 19.1565,
-124.6594

■ 222.9480, -0.9604,
28.1096

■ 223.2900, 0.3500,
27.8097

Harmonies

Analogous

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



191.3040, -4.5869, -22.1916



189.7570, 5.0498, -33.1129



190.2110, 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.



189.7570, 5.0498, -33.1129



199.0620, 12.7874, 5.2076



197.4900, -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.



189.7570, 5.0498, -33.1129



169.2430, -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.



198.9130, -11.2961, 29.8943



189.7570, 5.0498, -33.1129



200.2120, 5.3185, 20.8621

Square

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



189.7570, 5.0498, -33.1129



196.5050, 17.4990, -12.7209



199.6770, -3.2918, 29.2243



195.5870, -17.0514, 9.1322

Rectangle

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



189.7570, 5.0498, -33.1129



191.8570, 16.8325, -32.3236



199.6770, -3.2918, 29.2243



197.8540, -15.2110, 25.5610

Sweetspot

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



189.7570, 5.0498, -33.1129



248.6780, 1.6377, -11.9956



186.3780, -16.9484, -24.0105



123.8850, 1.0427, -7.7921



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



189.7570, 5.0498, -33.1129



229.3420, 7.7194, -49.4119



178.8150, 13.8952, -23.5168



101.4830, 0.7479, -6.5626



115.3740, 15.5916, -101.1830



28.1710, 3.8597, -24.7060

Inverse Universe

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



169.2430, -5.0498, 33.1129



198.7720, -7.2826, 49.3120



180.1850, -13.8952, 23.5168



97.4030, -1.1847, 6.6626



52.6260, -15.5916, 101.1830



12.8290, -3.8597, 24.7060

Previews

White Background



This preview shows how the YUV color 189.7570, 5.0498, -33.1129 looks on a white background.

Color Contrast Check

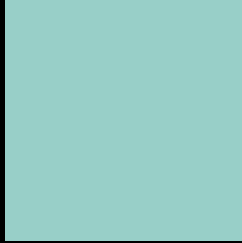
Large Text (above 18pt) WCAG AA × Fail

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 189.7570, 5.0498, -33.1129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

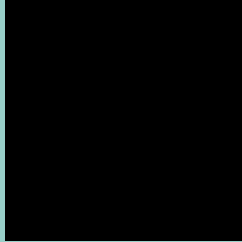
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

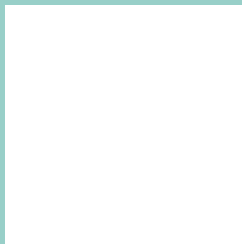
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 189.7570, 5.0498, -33.1129

Background



This preview shows how black text looks on a background with the YUV color 189.7570, 5.0498, -33.1129.



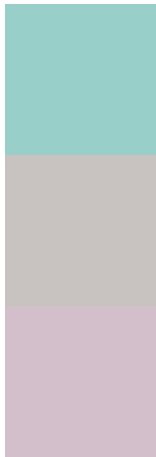
This preview shows how white text looks on a background with the YUV color 189.7570, 5.0498, -33.1129.

-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

189.7570, 5.0498, -33.1129

Protanopia

196.2670, -1.6106, 3.2738

Deuteranopia

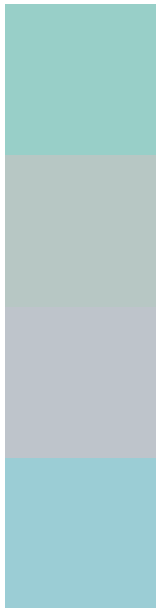
197.8750, 3.0196, 11.5106



Tritanopia

191.4720, 14.0643, -31.1089

Trichromacy



Original Color

189.7570, 5.0498, -33.1129

Protanomaly

193.8740, 1.0481, -9.5365

Deuteranomaly

195.0040, 3.9420, -4.3885

Tritanomaly

190.9620, 10.8647, -31.5387

Monochromacy



Original Color

189.7570, 5.0498, -33.1129

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.7920, 2.0745, -12.0956

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.7570, 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(152, 207, 200)` looks like.

```
.text, #text, p{  
    color:rgb(152, 207, 200)  
}
```

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(152, 207, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 207, 200) }
```

Border

The CSS property to change the border of an element to YUV 189.7570, 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(152, 207, 200) }
```


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

```
.border{ border-color:rgb(152, 207, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 207, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 207, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 207, 200);  
box-shadow:4px 4px 4px 4px rgb(152, 207,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 189.7570, 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(152, 207, 200) }
```

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

```
.background{ background-color: rgb(152,  
207, 200) }
```

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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