

# Converting Colors

YUV(189.3890, -0.1918,  
-31.9132)

Have a look what the booklet for  
YUV(189.3890, -0.1918, -31.9132)  
contains.

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# Color

**YUV(189.3890, -0.1918,  
-31.9132)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99D0BD
RGB	153, 208, 189
RGB Percent	60%, 82%, 74%
CMY	0.4000, 0.1843, 0.2588
CMYK	0.26, 0.00, 0.09, 0.18
HSL	159°, 37%, 71%
HSV	159°, 26%, 82%
XYZ	44.8781, 55.5582, 56.5026
YIQ	189.3890, -26.6810, -17.5690

# Conversions

## Conversions Part 2

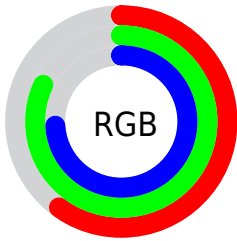
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 186, 208
Decimal	10080445
CIELab	79.36, -21.70, 3.70
CIElCh	79, 22.009, 170.327
Yxy	55.5582, 0.2860, 0.3540
Android (android.graphics.Color)	4288270525 (0xFF99D0BD)
YUV	189.3890, -0.1918, -31.9132
Hunter-Lab	74.5374, -22.9677, 7.2317

# Details

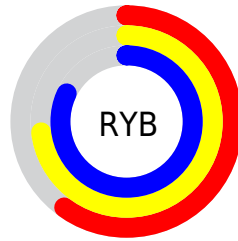
The YUV color **189.3890, -0.1918, -31.9132** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **171.6110, 0.1918, 31.9132**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.8070, 2.5601, -27.8947**, and **135.2150, 0.3870, -30.8836** is the 20% darker color. If you saturate the color by 10%, you get **182.3120, -0.1538, -44.1236**, and if you desaturate by 10%, it is **196.4660, -0.2297, -19.7027**.

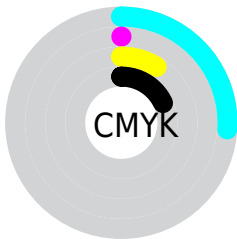
# Distribution



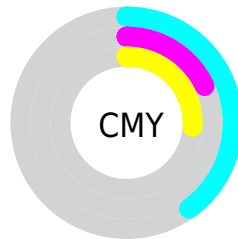
- Red (60%)
- Green (82%)
- Blue (74%)



- Red (60%)
- Yellow (73%)
- Blue (82%)



- Cyan (26%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)



- Cyan (40%)
- Magenta (18%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 189.3890, -0.1918, -31.9132 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 189.3890, -0.1918, -31.9132 by changing the saturation by 10% instead.



■ 189.3890, -0.1918,  
-31.9132

■ 189.3890, -0.1918,  
-31.9132

255.0000, 0.0000,  
0.0000

■ 161.8020, 0.0976,  
-31.3984

■ 239.8070, 2.5601,  
-27.8947

■ 135.2150, 0.3870,  
-30.8836

■ 249.6180, 2.6533,  
-11.0660

■ 109.5140, 0.2396,  
-30.2688

■ 84.6280, 0.6764,  
-30.3688

■ 60.4430, 1.2606,  
-31.0835

■ 36.9590, 1.9922,  
-32.4130

■ 21.7650, -0.3771,

-19.0879

■ 0.0000, 0.0000,  
0.0000

■ 189.3890, -0.1918,  
-31.9132

■ 189.3890, -0.1918,  
-31.9132

■ 182.3120, -0.1538,  
-44.1236

■ 196.4660, -0.2297,  
-19.7027

■ 175.2350, -0.1159,  
-56.3341

■ 203.5430, -0.2677,  
-7.4922

■ 168.3430, -0.6621,  
-67.8298

■ 210.4350, 0.2785,  
4.0035

■ 161.2660, -0.6241,  
-80.0403

■ 217.5120, 0.2406,  
16.2140

■ 154.1890, -0.5862,  
-92.2508

■ 223.9910, 0.4974,  
27.1949

■ 147.1120, -0.5482,  
-104.4612

■ 224.7890, 3.5550,  
26.4950

■ 140.0350, -0.5103,  
-116.6717

■ 225.5870, 6.6126,  
25.7952

■ 137.6000, -0.7888,  
-120.6752

■ 226.3850, 9.6702,  
25.0954

■ 227.2970, 13.1646,  
24.2955

# Harmonies

## Analogous

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



191.7410, -10.7183, -15.5589



189.3890, -0.1918, -31.9132



188.1950, 10.7499, -41.3900

# Triad

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



189.3890, -0.1918, -31.9132



198.0760, 18.2035, -5.3287



198.6590, -16.1009, 30.9941

# Complementary

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



189.3890, -0.1918, -31.9132



171.6110, 0.1918, 31.9132

# 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.



199.7440, -8.2548, 34.4275



189.3890, -0.1918, -31.9132



200.0740, 11.3025, 14.8441

# Square

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



189.3890, -0.1918, -31.9132



193.6390, 20.8840, -25.1164



200.6430, 1.6550, 29.2541



196.6700, -19.5573, 19.5834



# Rectangle

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



189.3890, -0.1918, -31.9132



189.2750, 16.1334, -41.4602



200.6430, 1.6550, 29.2541



198.9520, -13.7803, 33.3681

# Sweetspot

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



189.3890, -0.1918, -31.9132



248.2220, -0.1094, -11.5957



190.9660, -18.7172, -16.6332



123.5430, -0.2677, -7.4922



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

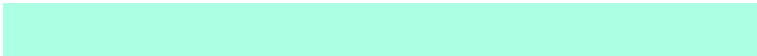


# Same Dimension

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



189.3890, -0.1918, -31.9132



227.2900, -0.1430, -47.6123



186.8590, 10.4225, -29.6943



101.2550, -0.1257, -6.3626



111.1560, -0.5699, -97.4838



27.1450, -0.0715, -23.8062



# Inverse Universe

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



171.6110, 0.1918, 31.9132



200.8240, 0.5798, 47.5124



174.1410, -10.4225, 29.6943



97.7450, 0.1257, 6.3626



56.8440, 0.5699, 97.4838

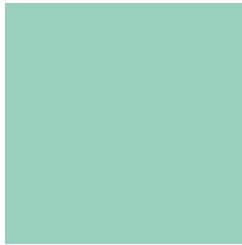


13.8550, 0.0715, 23.8062



# Previews

## White Background



This preview shows how the YUV color 189.3890, -0.1918, -31.9132 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

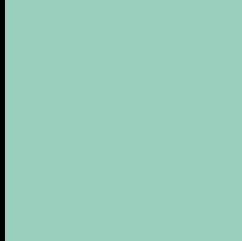
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 189.3890, -0.1918, -31.9132 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

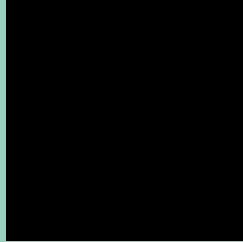
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

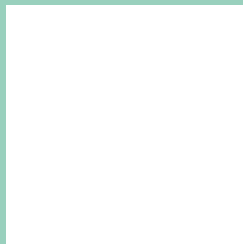
Any Text WCAG AAA ✓ Pass

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

# YUV 189.3890, -0.1918, -31.9132 Background



This preview shows how black text looks on a background with the YUV color 189.3890, -0.1918, -31.9132.



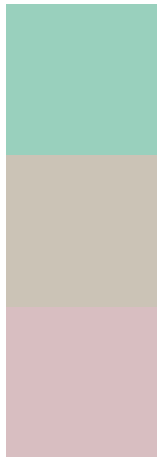
This preview shows how white text looks on a background with the YUV color 189.3890, -0.1918,

-31.9132.

# 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

189.3890, -0.1918, -31.9132

### Protanopia

195.9100, -6.8576, 6.2179

### Deuteranopia

198.1160, -2.5222, 15.6843



## Tritanopia

191.7820, 13.9115, -28.7498

# Trichromacy



## Original Color

189.3890, -0.1918, -31.9132

## Protanomaly

193.8050, -4.3409, -7.7220

## Deuteranomaly

195.2340, -1.5944, -1.9592

## Tritanomaly

191.1040, 8.8227, -29.9092

# Monochromacy



## Original Color

189.3890, -0.1918, -31.9132

## Achromatopsia

189.0000, 0.0000, 0.0000

## Achromatomaly

189.2220, -0.1094, -11.5957

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 189.3890, -0.1918, -31.9132 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(153, 208, 189)` looks like.

```
.text, #text, p{  
    color:rgb(153, 208, 189)  
}
```

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(153, 208, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 208, 189) }
```

## Border

The CSS property to change the border of an element to YUV 189.3890, -0.1918, -31.9132 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(153, 208, 189) }
```



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

```
.border{ border-color:rgb(153, 208, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 208, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 208, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 208, 189);  
box-shadow:4px 4px 4px 4px rgb(153, 208,  
189) }
```

# Background

The CSS property to change the background color of an element to YUV 189.3890, -0.1918, -31.9132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 208, 189) }
```

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

```
.background{ background-color: rgb(153,  
208, 189) }
```

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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