

# Converting Colors

YUV(188.4010, -5.1277,  
-35.4317)

Have a look what the booklet for  
YUV(188.4010, -5.1277, -35.4317)  
contains.

<b>YUV(188.4010, -5.1277, -35.4317)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(188.4010, -5.1277,  
-35.4317)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94D3B2
RGB	148, 211, 178
RGB Percent	58%, 83%, 70%
CMY	0.4196, 0.1725, 0.3020
CMYK	0.30, 0.00, 0.16, 0.17
HSL	149°, 42%, 70%
HSV	149°, 30%, 83%
XYZ	43.5429, 56.0988, 50.6527
YIQ	188.4010, -26.9550, -23.6190

# Conversions

## Conversions Part 2

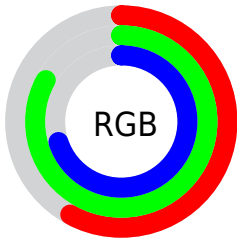
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 191, 211
Decimal	9753522
CIELab	79.67, -26.93, 9.98
CIELCh	80, 28.715, 159.663
Yxy	56.0988, 0.2897, 0.3733
Android (android.graphics.Color)	4287943602 (0xFF94D3B2)
YUV	188.4010, -5.1277, -35.4317
Hunter-Lab	74.8991, -27.3018, 12.3328

# Details

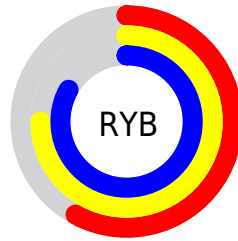
The YUV color **188.4010, -5.1277, -35.4317** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **170.5990, 5.1277, 35.4317**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.0580, -1.5076, -29.8689**, and **134.2270, -4.5489, -34.4021** is the 20% darker color. If you saturate the color by 10%, you get **180.8680, -6.8369, -47.2422**, and if you desaturate by 10%, it is **195.9340, -3.4185, -23.6211**.

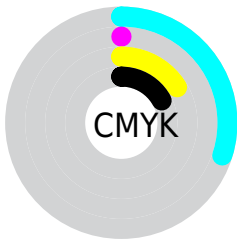
# Distribution



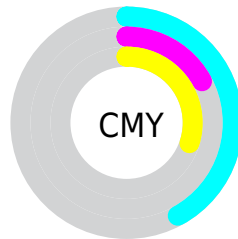
- Red (58%)
- Green (83%)
- Blue (70%)



- Red (58%)
- Yellow (75%)
- Blue (83%)



- Cyan (30%)
- Magenta (0%)
- Yellow (16%)
- Black (17%)




- Cyan (42%)
- Magenta (17%)
- Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 188.4010, -5.1277, -35.4317 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 188.4010, -5.1277, -35.4317 by changing the saturation by 10% instead.



 188.4010, -5.1277,  
-35.4317


 188.4010, -5.1277,  
-35.4317

255.0000, 0.0000,  
0.0000


 160.8140, -4.8383,  
-34.9169


 237.0580, -1.5076,  
-29.8689


 134.2270, -4.5489,  
-34.4021

 248.1230, 3.3904,  
-14.1399

 108.6400, -4.2595,  
-33.8873

 82.8680, -3.3859,  
-34.0872

 57.9000, -1.9227,  
-36.7463

 37.1070, -2.5178,  
-32.5428

 21.6850, -5.7607,

-19.0177

■ 0.0000, 0.0000,  
0.0000

■ 188.4010, -5.1277,  
-35.4317

■ 188.4010, -5.1277,  
-35.4317

■ 180.8680, -6.8369,  
-47.2422

■ 195.9340, -3.4185,  
-23.6211

■ 173.3350, -8.5462,  
-59.0528

■ 203.4670, -1.7092,  
-11.8106

■ 165.8020,  
-10.2554, -70.8634

■ 211.0000, 0.0000,  
0.0000

■ 158.2690,  
-11.9646, -82.6739

■ 218.5330, 1.7092,  
11.8106

■ 150.7360,  
-13.6738, -94.4845

■ 226.3650, 3.2711,  
24.2359

■ 142.9040,  
-15.2357, -106.9098

■ 227.9180, 7.9284,  
23.7509

■ 135.3710,  
-16.9449, -118.7204

■ 229.1720, 12.7332,  
22.6512

■ 135.2570,  
-17.3817, -118.6204

# Harmonies

## Analogous

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



191.9280, -17.7125, -12.2149



188.4010, -5.1277, -35.4317



185.4770, 9.6248, -53.9153

# Triad

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



188.4010, -5.1277, -35.4317



197.0620, 26.0984, -17.5944



199.9810, -17.7386, 42.9897

# Complementary

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



188.4010, -5.1277, -35.4317



170.5990, 5.1277, 35.4317

# 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.



201.1950, -5.5191, 43.6790



188.4010, -5.1277, -35.4317



201.2890, 18.5915, 10.2705

# Square

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



188.4010, -5.1277, -35.4317



190.3530, 27.9270, -44.1596



201.8590, 7.4645, 32.5727



198.0690, -24.6840, 30.6345



# Rectangle

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



188.4010, -5.1277, -35.4317



185.1480, 18.6610, -58.8888



201.8590, 7.4645, 32.5727



200.3170, -13.9603, 44.4490

# Sweetspot

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



188.4010, -5.1277, -35.4317



246.7550, -1.8512, -12.9401



195.1470, -23.2435, -11.5299



122.6030, -1.2833, -8.4218



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

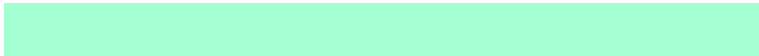


# Same Dimension

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



188.4010, -5.1277, -35.4317



222.0200, -7.4049, -51.7605



191.9350, 8.4130, -38.5310



101.0270, -0.9993, -6.1627



107.7360, -13.6738, -94.4845



26.2330, -3.5659, -23.0063



# Inverse Universe

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



170.5990, 5.1277, 35.4317



195.9800, 7.4049, 51.7605



167.0650, -8.4130, 38.5310



97.9730, 0.9993, 6.1627



60.2640, 13.6738, 94.4845

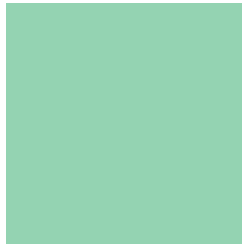


14.6530, 3.1291, 23.1063



# Previews

## White Background



This preview shows how the YUV color 188.4010, -5.1277, -35.4317 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

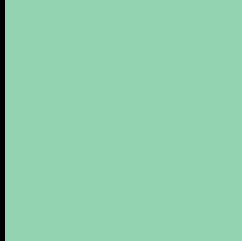
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 188.4010, -5.1277, -35.4317 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

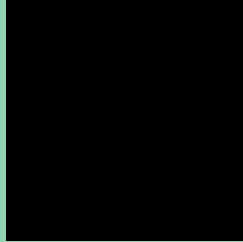
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 188.4010, -5.1277, -35.4317

## Background



This preview shows how black text looks on a background with the YUV color 188.4010, -5.1277, -35.4317.



This preview shows how white text looks on a background with the YUV color 188.4010, -5.1277, -35.4317.

-35.4317.

# 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

188.4010, -5.1277, -35.4317

### Protanopia

196.0260, -12.8308, 8.7472

### Deuteranopia

198.3570, -8.0640, 19.8579



## Tritanopia

192.4720, 14.0643, -31.1089

# Trichromacy



## Original Color

188.4010, -5.1277, -35.4317

## Protanomaly

193.0240, -9.8718, -7.0370

## Deuteranomaly

194.8660, -6.8359, -0.7595

## Tritanomaly

190.9250, 6.9390, -32.3832

# Monochromacy



## Original Color

188.4010, -5.1277, -35.4317

## Achromatopsia

188.0000, 0.0000, 0.0000

## Achromatomaly

187.7550, -1.8512, -12.9401

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 188.4010, -5.1277, -35.4317 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(148, 211, 178)` looks like.

```
.text, #text, p{  
    color:rgb(148, 211, 178)  
}
```

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(148, 211, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 211, 178) }
```

## Border

The CSS property to change the border of an element to YUV 188.4010, -5.1277, -35.4317 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(148, 211, 178) }
```



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

```
.border{ border-color:rgb(148, 211, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 211, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 211, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 211, 178);  
box-shadow:4px 4px 4px 4px rgb(148, 211,  
178) }
```

# Background

The CSS property to change the background color of an element to YUV 188.4010, -5.1277, -35.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 211, 178) }
```

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

```
.background{ background-color: rgb(148,  
211, 178) }
```

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