

Converting Colors

YUV(189.4120, -5.1331,
-33.6873)

Have a look what the booklet for
YUV(189.4120, -5.1331, -33.6873)
contains.

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Color

**YUV(189.4120, -5.1331,
-33.6873)**

Conversions

Conversions Part 1

Format	Color
Hex	97D3B3
RGB	151, 211, 179
RGB Percent	59%, 83%, 70%
CMY	0.4078, 0.1725, 0.2980
CMYK	0.28, 0.00, 0.15, 0.17
HSL	148°, 41%, 71%
HSV	148°, 28%, 83%
XYZ	44.1934, 56.4225, 51.2092
YIQ	189.4120, -25.4880, -22.6720

Conversions

Conversions Part 2

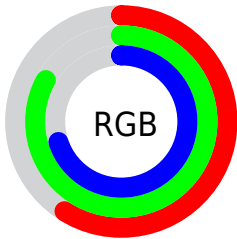
Format	Color
RYB	151, 192, 211
Decimal	9950131
CIELab	79.85, -25.81, 9.73
CIELCh	80, 27.580, 159.341
Yxy	56.4225, 0.2911, 0.3716
Android (android.graphics.Color)	4288140211 (0xFF97D3B3)
YUV	189.4120, -5.1331, -33.6873
Hunter-Lab	75.1149, -26.4316, 12.1598

Details

The YUV color **189.4120, -5.1331, -33.6873** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **172.5880, 5.1331, 33.6873**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.0690, -1.5130, -28.1245**, and **135.2380, -4.5543, -32.6577** is the 20% darker color. If you saturate the color by 10%, you get **181.8790, -6.8423, -45.4979**, and if you desaturate by 10%, it is **196.9450, -3.4239, -21.8768**.

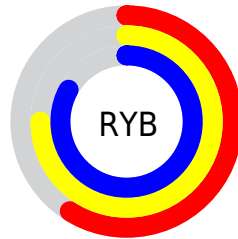
Distribution



Red (59%)

Green (83%)

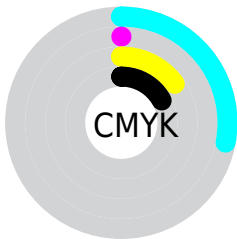
Blue (70%)



Red (59%)

Yellow (75%)

Blue (83%)

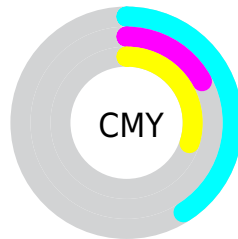


Cyan (28%)

Magenta (0%)

Yellow (15%)

Black (17%)



Cyan (41%)

Magenta (17%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.4120, -5.1331, -33.6873 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 189.4120, -5.1331, -33.6873 by changing the saturation by 10% instead.

■ 189.4120, -5.1331,
-33.6873

■ 189.4120, -5.1331,
-33.6873

255.0000, 0.0000,
0.0000

■ 161.8250, -4.8437,
-33.1725

■ 238.0690, -1.5130,
-28.1245

■ 135.2380, -4.5543,
-32.6577

■ 249.0200, 2.9481,
-12.2955

■ 109.6510, -4.2649,
-32.1429

■ 84.7650, -3.8281,
-32.2429

■ 59.3950, -2.6597,
-33.6724

■ 37.2210, -2.0810,
-32.6428

■ 21.7990, -5.3239,

-19.1177

■ 0.0000, 0.0000,
0.0000

■ 189.4120, -5.1331,
-33.6873

■ 189.4120, -5.1331,
-33.6873

■ 181.8790, -6.8423,
-45.4979

■ 196.9450, -3.4239,
-21.8768

■ 174.2320, -8.9884,
-57.2085

■ 204.5920, -1.2779,
-10.1662

■ 166.6990,
-10.6976, -69.0190

■ 212.1250, 0.4314,
1.6444

■ 159.1660,
-12.4068, -80.8296

■ 219.6580, 2.1406,
13.4549

■ 151.6330,
-14.1161, -92.6401

■ 226.8920, 3.9972,
24.6507

■ 143.6870,
-16.1147, -104.9655

■ 228.2600, 9.2388,
23.4510

■ 136.1540,
-17.8239, -116.7761

■ 229.1720, 12.7332,
22.6512

■ 135.0290,
-18.2553, -118.4204

Harmonies

Analogous

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



192.7540, -17.1337, -11.1853



189.4120, -5.1331, -33.6873



186.6730, 9.0352, -51.4562

Triad

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



189.4120, -5.1331, -33.6873



197.7200, 24.7880, -17.2944



200.6110, -16.5702, 41.5602

Complementary

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



189.4120, -5.1331, -33.6873



172.5880, 5.1331, 33.6873

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.



201.5970, -5.2243, 42.4494



189.4120, -5.1331, -33.6873



201.4630, 18.0127, 9.2409

Square

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



189.4120, -5.1331, -33.6873



191.9080, 26.1744, -42.0153



202.7340, 7.0331, 30.9283



198.2970, -23.8104, 30.4345

Rectangle

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



189.4120, -5.1331, -33.6873



186.5290, 17.4872, -55.7149



202.7340, 7.0331, 30.9283



200.8330, -13.2287, 43.1195

Sweetspot

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



189.4120, -5.1331, -33.6873



246.7550, -1.8512, -12.9401



195.7880, -22.0805, -11.2151



122.6030, -1.2833, -8.4218



0.0000, 0.0000, 0.0000



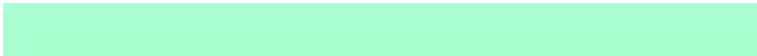
128.0000, 0.0000, 0.0000

Same Dimension

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



189.4120, -5.1331, -33.6873



223.7430, -7.2683, -48.8866



192.8320, 7.9708, -36.6867



101.0270, -0.9993, -6.1627



107.6220, -14.1106, -94.3845



26.2330, -3.5659, -23.0063

Inverse Universe

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



172.5880, 5.1331, 33.6873



199.3710, 7.7051, 48.7866



169.1680, -7.9708, 36.6867



97.9730, 0.9993, 6.1627



60.4920, 14.5474, 94.2845



14.7670, 3.5659, 23.0063

Previews

White Background



This preview shows how the YUV color 189.4120, -5.1331, -33.6873 looks on a white background.

Color Contrast Check

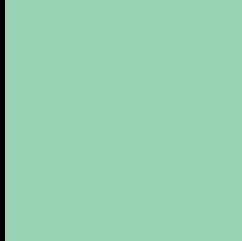
Large Text (above 18pt) WCAG AA × Fail

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 189.4120, -5.1331, -33.6873 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

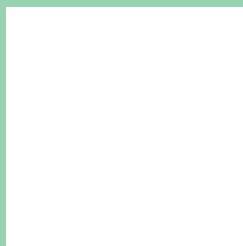
Any Text WCAG AAA ✓ Pass

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

YUV 189.4120, -5.1331, -33.6873 Background



This preview shows how black text looks on a background with the YUV color 189.4120, -5.1331, -33.6873.



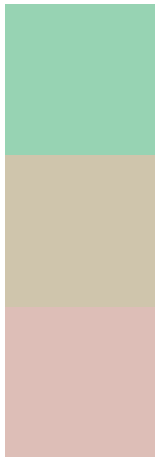
This preview shows how white text looks on a background with the YUV color 189.4120, -5.1331,

-33.6873.

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

189.4120, -5.1331, -33.6873

Protanopia

197.1400, -12.3940, 8.6472

Deuteranopia

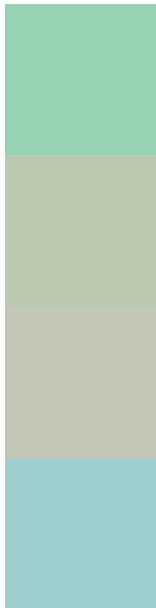
198.4710, -7.6272, 19.7579



Tritanopia

193.3690, 13.6221, -29.2646

Trichromacy



Original Color

189.4120, -5.1331, -33.6873

Protanomaly

194.4370, -9.5824, -6.5222

Deuteranomaly

195.5780, -6.6940, 0.3701

Tritanomaly

191.9360, 6.9336, -30.6389

Monochromacy



Original Color

189.4120, -5.1331, -33.6873

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.0540, -1.9986, -12.3254

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.4120, -5.1331, -33.6873 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(151, 211, 179)` looks like.

```
.text, #text, p{  
    color:rgb(151, 211, 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(151, 211, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 211, 179) }
```

Border

The CSS property to change the border of an element to YUV 189.4120, -5.1331, -33.6873 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(151, 211, 179) }
```


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

```
.border{ border-color:rgb(151, 211, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 211, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 211, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 211, 179);  
box-shadow:4px 4px 4px 4px rgb(151, 211,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 189.4120, -5.1331, -33.6873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 211, 179) }
```

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

```
.background{ background-color: rgb(151,  
211, 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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