

Converting Colors

YUV(186.5570, 1.6974,
-31.1835)

Have a look what the booklet for
YUV(186.5570, 1.6974, -31.1835)
contains.

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Color

**YUV(186.5570, 1.6974,
-31.1835)**

Conversions

Conversions Part 1

Format	Color
Hex	97CCBE
RGB	151, 204, 190
RGB Percent	59%, 80%, 75%
CMY	0.4078, 0.2000, 0.2549
CMYK	0.26, 0.00, 0.07, 0.20
HSL	164°, 34%, 70%
HSV	164°, 26%, 80%
XYZ	43.6496, 53.4827, 56.7378
YIQ	186.5570, -27.0940, -15.5900

Conversions

Conversions Part 2

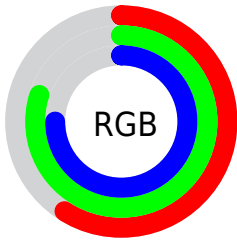
Format	Color
RYB	151, 182, 204
Decimal	9948350
CIELab	78.16, -20.10, 1.40
CIElCh	78, 20.147, 176.009
Yxy	53.4827, 0.2837, 0.3476
Android (android.graphics.Color)	4288138430 (0xFF97CCBE)
YUV	186.5570, 1.6974, -31.1835
Hunter-Lab	73.1319, -21.4410, 5.1934

Details

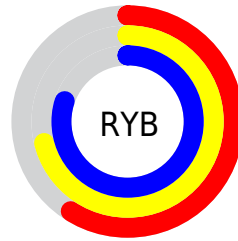
The YUV color $186.5570, 1.6974, -31.1835$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $168.4430, -1.6974, 31.1835$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.3230, 3.2918, -29.2243$, and $132.9700, 1.9868, -30.6687$ is the 20% darker color. If you saturate the color by 10%, you get $180.0070, 2.4615, -42.9791$, and if you desaturate by 10%, it is $193.1070, 0.9332, -19.3878$.

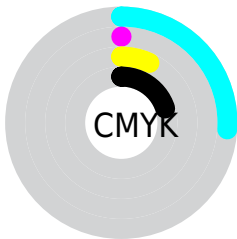
Distribution



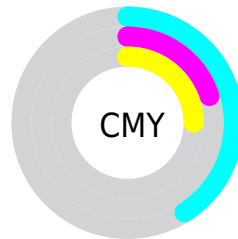
- Red (59%)
- Green (80%)
- Blue (75%)



- Red (59%)
- Yellow (71%)
- Blue (80%)



- Cyan (26%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (41%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.5570, 1.6974, -31.1835 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 186.5570, 1.6974, -31.1835 by changing the saturation by 10% instead.

■ 186.5570, 1.6974,
-31.1835

■ 186.5570, 1.6974,
-31.1835

255.0000, 0.0000,
0.0000

■ 158.9700, 1.9868,
-30.6687

■ 239.3230, 3.2918,
-29.2243

■ 132.9700, 1.9868,
-30.6687

■ 249.0200, 2.9481,
-12.2955

■ 107.2690, 1.8394,
-30.0539

■ 82.3830, 2.2762,
-30.1539

■ 58.1980, 2.8604,
-30.8686

■ 35.3120, 3.2972,
-30.9686

■ 20.5910, 0.2016,

-18.0583

■ 0.0000, 0.0000,
0.0000

■ 186.5570, 1.6974,
-31.1835

■ 186.5570, 1.6974,
-31.1835

■ 180.0070, 2.4615,
-42.9791

■ 193.1070, 0.9332,
-19.3878

■ 173.0440, 2.9363,
-55.2896

■ 200.0700, 0.4585,
-7.0774

■ 166.4940, 3.7005,
-67.0852

■ 206.6200, -0.3057,
4.7183

■ 159.5310, 4.1752,
-79.3957

■ 213.5830, -0.7804,
17.0287

■ 152.9810, 4.9394,
-91.1913

■ 220.1330, -1.5446,
28.8244

■ 146.4310, 5.7035,
-102.9870

■ 221.3010, 0.3446,
29.5540

■ 139.4680, 6.1783,
-115.2974

■ 221.9850, 2.9654,
28.9542

■ 136.8480, 6.4839,
-120.0157

■ 222.5550, 5.1494,
28.4543

■ 223.1250, 7.3334,
27.9544

Harmonies

Analogous

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



188.7130, -8.2395, -17.2883



186.5570, 1.6974, -31.1835



186.3310, 11.1758, -38.0013

Triad

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



186.5570, 1.6974, -31.1835



194.8270, 15.8613, -0.7253



194.4520, -15.5058, 26.7906

Complementary

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



186.5570, 1.6974, -31.1835



168.4430, -1.6974, 31.1835

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.



195.9070, -8.8282, 31.6536



186.5570, 1.6974, -31.1835



196.6890, 8.5343, 16.0587

Square

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



186.5570, 1.6974, -31.1835



191.8030, 18.8311, -19.9982



196.5890, 0.2026, 28.4244



192.6910, -18.0887, 15.1800

Rectangle

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



186.5570, 1.6974, -31.1835



187.1940, 15.6804, -36.1271



196.5890, 0.2026, 28.4244



194.9300, -13.7695, 29.8794

Sweetspot

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



186.5570, 1.6974, -31.1835



248.4500, 0.7642, -11.7956



186.2970, -17.4014, -18.6775



123.6570, 0.1691, -7.5922



0.0000, 0.0000, 0.0000



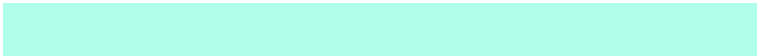
128.0000, 0.0000, 0.0000

Same Dimension

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



186.5570, 1.6974, -31.1835



228.9850, 2.4724, -46.4678



181.1090, 11.2853, -26.4056



98.6680, 0.1637, -5.8478



111.3500, 5.2505, -97.6539



25.4980, 1.2335, -22.3617

Inverse Universe

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



168.4430, -1.6974, 31.1835



202.0150, -2.4724, 46.4678



173.8910, -11.2853, 26.4056



95.2180, -0.6005, 5.9478



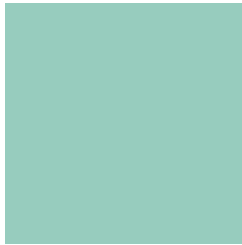
54.6500, -5.2504, 97.6539



12.5020, -1.2335, 22.3617

Previews

White Background



This preview shows how the YUV color 186.5570, 1.6974, -31.1835 looks on a white background.

Color Contrast Check

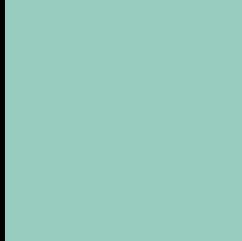
Large Text (above 18pt) WCAG AA × Fail

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 186.5570, 1.6974, -31.1835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

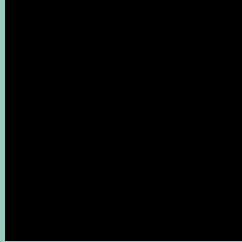
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.5570, 1.6974, -31.1835

Background



This preview shows how black text looks on a background with the YUV color 186.5570, 1.6974, -31.1835.



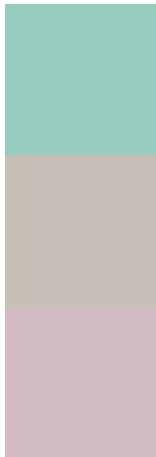
This preview shows how white text looks on a background with the YUV color 186.5570, 1.6974, -31.1835.

-31.1835.

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

186.5570, 1.6974, -31.1835

Protanopia

192.7680, -4.8156, 4.5885

Deuteranopia

194.9740, -0.4802, 14.0548



Tritanopia

188.6680, 13.4747, -28.6498

Trichromacy



Original Color

186.5570, 1.6974, -31.1835

Protanomaly

190.3750, -2.1569, -8.2219

Deuteranomaly

191.8040, 0.5896, -2.4591

Tritanomaly

187.6310, 9.5489, -29.4944

Monochromacy



Original Color

186.5570, 1.6974, -31.1835

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.7490, 0.6167, -11.1809

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.5570, 1.6974, -31.1835 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, 204, 190)` looks like.

```
.text, #text, p{  
    color:rgb(151, 204, 190)  
}
```

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, 204, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 204, 190) }
```

Border

The CSS property to change the border of an element to YUV 186.5570, 1.6974, -31.1835 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, 204, 190) }
```


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

```
.border{ border-color:rgb(151, 204, 190) }
```

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

Here you see how a box with a 4 pixel rgb(151, 204, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 204, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 204, 190);  
box-shadow:4px 4px 4px 4px rgb(151, 204,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 186.5570, 1.6974, -31.1835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 204, 190) }
```

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

```
.background{ background-color: rgb(151,  
204, 190) }
```

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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