

Converting Colors

YUV(186.9840, 10.8539,
-28.0500)

Have a look what the booklet for
YUV(186.9840, 10.8539, -28.0500)
contains.

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Color

**YUV(186.9840, 10.8539,
-28.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	9BC7D1
RGB	155, 199, 209
RGB Percent	61%, 78%, 82%
CMY	0.3922, 0.2196, 0.1804
CMYK	0.26, 0.05, 0.00, 0.18
HSL	191°, 37%, 71%
HSV	191°, 26%, 82%
XYZ	45.4496, 52.4189, 68.0440
YIQ	186.9840, -29.4340, -6.2180

Conversions

Conversions Part 2

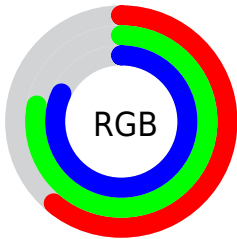
Format	Color
RYB	155, 179, 209
Decimal	10209233
CIELab	77.53, -12.16, -9.73
CIELCh	78, 15.573, 218.674
Yxy	52.4189, 0.2739, 0.3159
Android (android.graphics.Color)	4288399313 (0xFF9BC7D1)
YUV	186.9840, 10.8539, -28.0500
Hunter-Lab	72.4009, -14.6482, -5.0415

Details

The YUV color **186.9840, 10.8539, -28.0500** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **177.0160, -10.8539, 28.0500**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5450, 6.6333, -27.6650**, and **133.2830, 10.7065, -27.4352** is the 20% darker color. If you saturate the color by 10%, you get **178.3570, 15.1070, -38.9011**, and if you desaturate by 10%, it is **195.6110, 6.6008, -17.1988**.

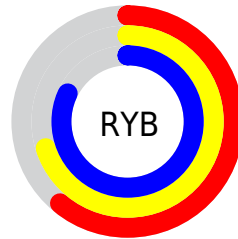
Distribution



Red (61%)

Green (78%)

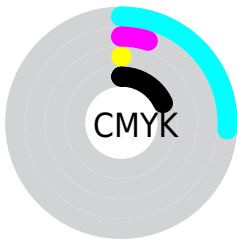
Blue (82%)



Red (61%)

Yellow (70%)

Blue (82%)

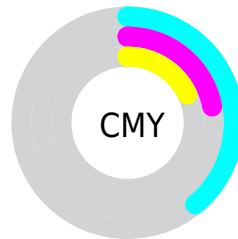


Cyan (26%)

Magenta (5%)

Yellow (0%)

Black (18%)



Cyan (39%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.9840, 10.8539, -28.0500 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 186.9840, 10.8539, -28.0500 by changing the saturation by 10% instead.

■ 186.9840, 10.8539,
-28.0500

■ 186.9840, 10.8539,
-28.0500

■ 255.0000, 0.0000,
0.0000

■ 159.8700, 10.4171,
-27.9500

■ 241.5450, 6.6333,
-27.6650

■ 133.2830, 10.7065,
-27.4352

■ 250.2160, 2.3585,
-9.8364

■ 107.5820, 10.5591,
-26.8204

■ 83.1690, 10.2697,
-27.3352

■ 58.4570, 10.1277,
-28.4648

■ 34.6740, 11.0067,
-30.4091

■ 20.4260, 7.1850,

-17.9136

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 186.9840, 10.8539,
-28.0500

■ 186.9840, 10.8539,
-28.0500

■ 178.3570, 15.1070,
-38.9011

■ 195.6110, 6.6008,
-17.1988

■ 169.7300, 19.3601,
-49.7522

■ 204.2380, 2.3477,
-6.3477

■ 161.1030, 23.6132,
-60.6033

■ 212.8650, -1.9054,
4.5034

■ 153.0630, 27.5769,
-71.9693

■ 220.9050, -5.8692,
15.8693

■ 144.7350, 31.6826,
-82.2056

■ 228.0370, -9.3852,
23.6466

■ 136.1080, 35.9358,
-93.0567

■ 230.3850,
-10.5428, 21.5874

■ 127.4810, 40.1889,
-103.9078

■ 232.7330,
-11.7004, 19.5282

■ 123.6160, 42.0943,
-108.4112

■ 235.0810,
-12.8579, 17.4690

■ 237.4290,
-14.0155, 15.4098

Harmonies

Analogous

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



186.2740, 4.3019, -26.5503



186.9840, 10.8539, -28.0500



188.9400, 14.3266, -21.8724

Triad

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



186.9840, 10.8539, -28.0500



194.4350, 3.7295, 17.1585



190.7870, -13.6990, 7.2028

Complementary

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



186.9840, 10.8539, -28.0500



177.0160, -10.8539, 28.0500

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.



192.2660, -13.4421, 18.1837



186.9840, 10.8539, -28.0500



194.6440, -3.2755, 23.9912

Square

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



186.9840, 10.8539, -28.0500



193.9650, 9.8773, 5.2927



193.3360, -9.5326, 24.2613



188.7360, -9.7298, -5.9075

Rectangle

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



186.9840, 10.8539, -28.0500



190.6960, 14.4469, -13.7654



193.3360, -9.5326, 24.2613



191.1080, -13.8572, 11.3063

Sweetspot

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



186.9840, 10.8539, -28.0500



246.6720, 4.1057, -10.2363



187.8380, -11.2591, -28.7989



122.3520, 2.7845, -6.4477



0.0000, 0.0000, 0.0000



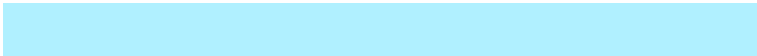
128.0000, 0.0000, 0.0000

Same Dimension

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



186.9840, 10.8539, -28.0500



222.5740, 15.9860, -40.8454



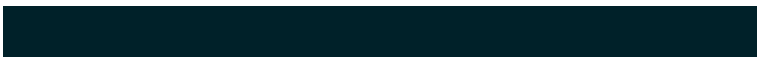
171.1350, 18.6674, -14.1504



100.5370, 2.2003, -5.7329



99.5710, 33.7355, -87.3238



24.0450, 8.3588, -21.0875

Inverse Universe

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



176.1620, 11.2591, 28.7989



206.9170, 16.3099, 42.1688



192.8650, -18.6674, 14.1504



98.3150, 2.3097, 5.8627



65.8500, 35.0770, 89.5856



16.0210, 8.3706, 21.9066

Previews

White Background



This preview shows how the YUV color 186.9840, 10.8539, -28.0500 looks on a white background.

Color Contrast Check

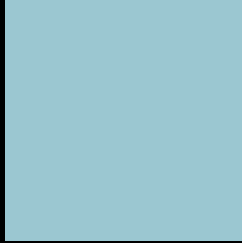
Large Text (above 18pt) WCAG AA × Fail

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 186.9840, 10.8539, -28.0500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

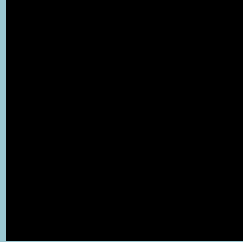
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.9840, 10.8539, -28.0500

Background



This preview shows how black text looks on a background with the YUV color 186.9840, 10.8539, -28.0500.



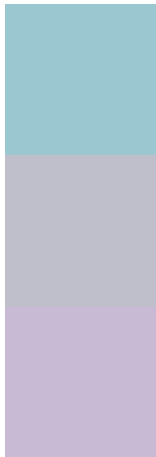
This preview shows how white text looks on a background with the YUV color 186.9840, 10.8539, -28.0500.

-28.0500.

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

186.9840, 10.8539, -28.0500

Protanopia

191.7810, 5.5310, -0.6849

Deuteranopia

193.1500, 9.2931, 6.0075



Tritanopia

187.2660, 13.1799, -27.4203

Trichromacy



Original Color

186.9840, 10.8539, -28.0500

Protanomaly

189.8830, 7.4527, -10.4214

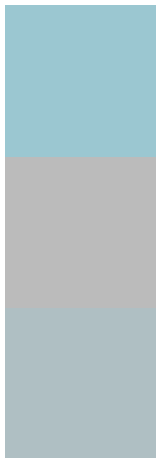
Deuteranomaly

191.1870, 9.7678, -6.3030

Tritanomaly

187.0380, 12.3063, -27.2203

Monochromacy



Original Color

186.9840, 10.8539, -28.0500

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.6720, 4.1057, -10.2363

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.9840, 10.8539, -28.0500 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(155, 199, 209)` looks like.

```
.text, #text, p{  
    color:rgb(155, 199, 209)  
}
```

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(155, 199, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 199, 209) }
```

Border

The CSS property to change the border of an element to YUV 186.9840, 10.8539, -28.0500 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(155, 199, 209) }
```


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

```
.border{ border-color:rgb(155, 199, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 199, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 199, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 199, 209);  
box-shadow:4px 4px 4px 4px rgb(155, 199,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 186.9840, 10.8539, -28.0500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 199, 209) }
```

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

```
.background{ background-color: rgb(155,  
199, 209) }
```

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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