

Converting Colors

YUV(168.7560, 9.9803,
-27.8500)

Have a look what the booklet for
YUV(168.7560, 9.9803, -27.8500)
contains.

YUV(168.7560, 9.9803, -27.8500)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(168.7560, 9.9803,
-27.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	89B5BD
RGB	137, 181, 189
RGB Percent	54%, 71%, 74%
CMY	0.4627, 0.2902, 0.2588
CMYK	0.28, 0.04, 0.00, 0.26
HSL	189°, 28%, 64%
HSV	189°, 28%, 74%
XYZ	36.0257, 42.0402, 54.3599
YIQ	168.7560, -28.7920, -6.8400

Conversions

Conversions Part 2

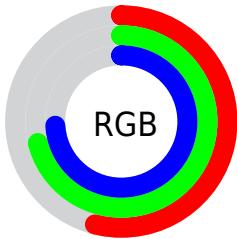
Format	Color
RYB	137, 161, 189
Decimal	9024957
CIELab	70.90, -12.71, -8.84
CIELCh	71, 15.482, 214.798
Yxy	42.0402, 0.2720, 0.3175
Android (android.graphics.Color)	4287215037 (0xFF89B5BD)
YUV	168.7560, 9.9803, -27.8500
Hunter-Lab	64.8384, -14.2886, -4.3213

Details

The YUV color **168.7560, 9.9803, -27.8500** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **157.2440, -9.9803, 27.8500**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.4570, 10.1277, -28.4648**, and **116.0550, 9.8329, -27.2352** is the 20% darker color. If you saturate the color by 10%, you get **161.3140, 13.6492, -37.9864**, and if you desaturate by 10%, it is **176.1980, 6.3114, -17.7136**.

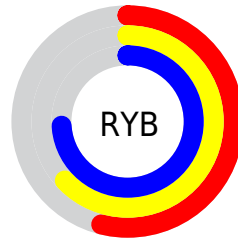
Distribution



Red (54%)

Green (71%)

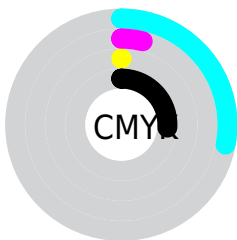
Blue (74%)



Red (54%)

Yellow (63%)

Blue (74%)

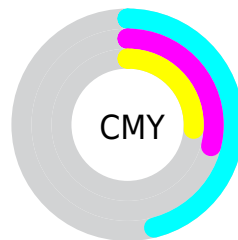


Cyan (28%)

Magenta (4%)

Yellow (0%)

Black (26%)



Cyan (46%)

Magenta (29%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.7560, 9.9803, -27.8500 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 168.7560, 9.9803, -27.8500 by changing the saturation by 10% instead.

■ 168.7560, 9.9803,
-27.8500

■ 168.7560, 9.9803,
-27.8500

■ 255.0000, 0.0000,
0.0000

■ 142.0550, 9.8329,
-27.2352

■ 224.4570, 10.1277,
-28.4648

■ 116.0550, 9.8329,
-27.2352

■ 244.5350, 5.1592,
-21.5172

■ 90.9410, 9.3961,
-27.1353

■ 253.2060, 0.8844,
-3.6887

■ 66.6420, 9.5435,
-27.7500

■ 41.8480, 10.4279,
-31.4387

■ 24.6320, 8.0694,
-21.6023

■ 6.5030, 7.1470,

-5.7031

■ 0.0000, 0.0000,
0.0000

■ 168.7560, 9.9803,
-27.8500

■ 168.7560, 9.9803,
-27.8500

■ 161.3140, 13.6492,
-37.9864

■ 176.1980, 6.3114,
-17.7136

■ 153.8720, 17.3181,
-48.1227

■ 183.6400, 2.6425,
-7.5773

■ 146.4300, 20.9870,
-58.2591

■ 191.0820, -1.0264,
2.5591

■ 138.9880, 24.6559,
-68.3955

■ 198.5240, -4.6953,
12.6955

■ 131.5460, 28.3248,
-78.5318

■ 205.9660, -8.3642,
22.8318

■ 124.9900, 31.5569,
-88.5682

■ 212.5220,
-11.5963, 32.8682

■ 117.5480, 35.2258,
-98.7046

■ 215.7780,
-13.2016, 34.3977

■ 115.4660, 36.2523,
-101.2637

■ 217.5390,
-14.0697, 32.8533

■ 219.3000,
-14.9379, 31.3089

Harmonies

Analogous

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



168.6440, 3.1335, -25.1208



168.7560, 9.9803, -27.8500



170.5270, 14.0372, -22.3872

Triad

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



168.7560, 9.9803, -27.8500



176.0650, 4.8980, 15.7290



172.6130, -13.1202, 8.2324

Complementary

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



168.7560, 9.9803, -27.8500



157.2440, -9.9803, 27.8500

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.



174.3800, -13.0053, 18.0837



168.7560, 9.9803, -27.8500



176.2740, -2.1071, 22.5617

Square

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



168.7560, 9.9803, -27.8500



175.1820, 10.7563, 3.3484



175.5640, -8.6591, 24.0614



171.5190, -10.6089, -3.9632

Rectangle

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



168.7560, 9.9803, -27.8500



171.9840, 14.3049, -14.8950



175.5640, -8.6591, 24.0614



173.5210, -13.5679, 11.8211

Sweetspot

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



168.7560, 9.9803, -27.8500



237.2590, 3.8163, -10.7511



168.4360, -11.5539, -27.5694



117.8250, 2.0583, -6.8625



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



168.7560, 9.9803, -27.8500



213.1500, 15.7020, -43.1046



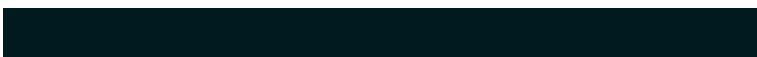
153.4940, 17.5045, -14.4652



90.7220, 1.6161, -5.0182



96.6700, 30.2357, -84.7796



18.7960, 6.0166, -16.4841

Inverse Universe

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



157.5640, 11.5539, 27.5694



195.9710, 17.7623, 42.9984



172.5060, -17.5045, 14.4652



88.6030, 2.1677, 4.7332



62.5180, 35.2406, 83.7377



12.2330, 6.7871, 16.4587

Previews

White Background



This preview shows how the YUV color 168.7560, 9.9803, -27.8500 looks on a white background.

Color Contrast Check

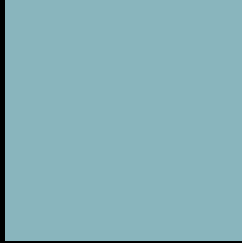
Large Text (above 18pt) WCAG AA × Fail

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 168.7560, 9.9803, -27.8500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

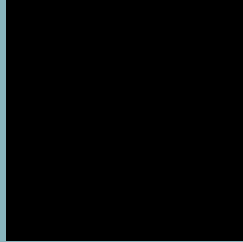
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.7560, 9.9803, -27.8500

Background



This preview shows how black text looks on a background with the YUV color 168.7560, 9.9803, -27.8500.



This preview shows how white text looks on a background with the YUV color 168.7560, 9.9803, -27.8500.

-27.8500.

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

168.7560, 9.9803, -27.8500

Protanopia

173.5530, 4.6574, -0.4850

Deuteranopia

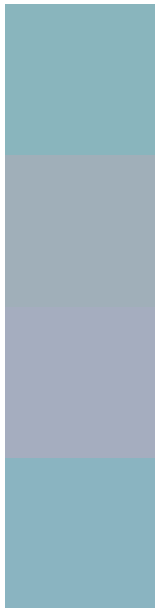
174.6230, 8.5669, 5.5926



Tritanopia

169.1520, 12.7431, -27.3203

Trichromacy



Original Color

168.7560, 9.9803, -27.8500

Protanomaly

171.6550, 6.5791, -10.2214

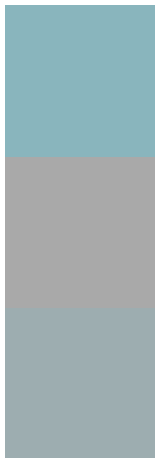
Deuteranomaly

172.6600, 9.0416, -6.7178

Tritanomaly

168.9240, 11.8695, -27.1203

Monochromacy



Original Color

168.7560, 9.9803, -27.8500

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.5580, 3.6689, -10.1364

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.7560, 9.9803, -27.8500 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(137, 181, 189)` looks like.

```
.text, #text, p{  
    color:rgb(137, 181, 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(137, 181, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 181, 189) }
```

Border

The CSS property to change the border of an element to YUV 168.7560, 9.9803, -27.8500 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(137, 181, 189) }
```


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

```
.border{ border-color:rgb(137, 181, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 181, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 181, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 181, 189);  
box-shadow:4px 4px 4px 4px rgb(137, 181,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 168.7560, 9.9803, -27.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 181, 189) }
```

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

```
.background{ background-color: rgb(137,  
181, 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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