

Converting Colors

YUV(123.9800, 23.1809,
-108.7305)

Have a look what the booklet for
YUV(123.9800, 23.1809, -108.7305)
contains.

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Color

**YUV(123.9800, 23.1809,
-108.7305)**

Conversions

Conversions Part 1

Format	Color
Hex	00B2AB
RGB	0, 178, 171
RGB Percent	0%, 70%, 67%
CMY	1.0000, 0.3020, 0.3294
CMYK	1.00, 0.00, 0.04, 0.30
HSL	178°, 100%, 35%
HSV	178°, 100%, 70%
XYZ	23.2711, 34.7811, 44.0150
YIQ	123.9800, -103.8410, -39.9130

Conversions

Conversions Part 2

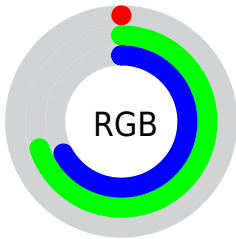
Format	Color
RYB	0, 91, 178
Decimal	45739
CIELab	65.58, -38.83, -7.23
CIElCh	66, 39.499, 190.545
Yxy	34.7811, 0.2280, 0.3408
Android (android.graphics.Color)	4278235819 (0xFF00B2AB)
YUV	123.9800, 23.1809, -108.7305
Hunter-Lab	58.9755, -32.7729, -2.9669

Details

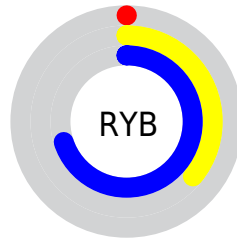
The YUV color **123.9800, 23.1809, -108.7305** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **54.0200, -23.1809, 108.7305**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.4240, 16.5530, -82.8098**, and **86.3540, 16.0945, -75.7325** is the 20% darker color. If you saturate the color by 10%, you get **123.9800, 23.1809, -108.7305**, and if you desaturate by 10%, it is **129.4760, 20.9643, -97.7645**.

Distribution



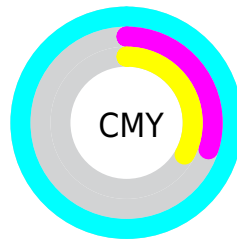
- Red (0%)
- Green (70%)
- Blue (67%)



- Red (0%)
- Yellow (36%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)




- Cyan (100%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.9800, 23.1809, -108.7305 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 123.9800, 23.1809, -108.7305 by changing the saturation by 10% instead.


 123.9800, 23.1809,
-108.7305


 123.9800, 23.1809,
-108.7305


255.0000, 0.0000,
0.0000

 105.1670, 19.6377,
-92.2315

 192.4240, 16.5530,
-82.8098

 86.3540, 16.0945,
-75.7325

 217.6250, 18.4259,
-76.8471

 68.8290, 12.4093,
-60.3630


 226.5950, 14.0037,
-58.4038

 51.5320, 9.5977,
-45.1936

 235.8640, 9.4340,
-39.3457

 34.8220, 6.4968,
-30.5389

 244.8340, 5.0118,
-20.9024

 20.2150, 3.8380,
-17.7286

 254.1030, 0.4422,

 0.0000, 0.0000,

-1.8443

0.0000

■ 123.9800, 23.1809,
-108.7305

■ 129.4760, 20.9643,
-97.7645

■ 134.8580, 18.3110,
-86.6985

■ 140.0550, 16.2419,
-76.3472

■ 145.5510, 14.0254,
-65.3812

■ 151.0470, 11.8088,
-54.4152

■ 156.4290, 9.1555,
-43.3492

■ 161.9250, 6.9390,
-32.3832

■ 167.1220, 4.8699,
-22.0320

■ 172.5040, 2.2165,
-10.9660

Harmonies

Analogous

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



144.1170, -4.4947, -51.8456



123.9800, 23.1809, -108.7305



126.5680, 38.1740, -111.0001

Triad

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



123.9800, 23.1809, -108.7305



162.9180, 24.6904, 14.1039



158.1640, -32.1259, 37.5672

Complementary

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



123.9800, 23.1809, -108.7305



54.0200, -23.1809, 108.7305

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.



159.9070, -22.1392, 54.4556



123.9800, 23.1809, -108.7305



163.3210, 10.1947, 43.5685

Square

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



123.9800, 23.1809, -108.7305



157.4120, 35.2929, -26.6713



161.6420, -6.7255, 57.3190



155.3690, -33.2129, 12.8314

Rectangle

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



123.9800, 23.1809, -108.7305



130.5290, 44.1092, -101.3189



161.6420, -6.7255, 57.3190



159.0770, -30.1110, 44.6595

Sweetspot

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



123.9800, 23.1809, -108.7305



210.7280, 9.0081, -42.7345



107.1770, -52.8383, -86.1012



104.3280, 5.7543, -25.7207



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



123.9800, 23.1809, -108.7305



161.6060, 30.2672, -141.7285



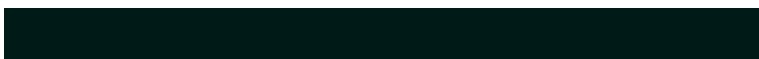
77.8180, 49.3897, -68.2464



86.3090, 1.3267, -5.5330



106.5690, 19.9325, -93.4610



17.9980, 2.9590, -15.7842

Inverse Universe

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



54.0200, -23.1809, 108.7305



70.3940, -30.2672, 141.7285



100.1820, -49.3897, 68.2464



82.8050, -0.8899, 5.4330



46.4310, -19.9325, 93.4610



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 123.9800, 23.1809, -108.7305 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 123.9800, 23.1809, -108.7305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

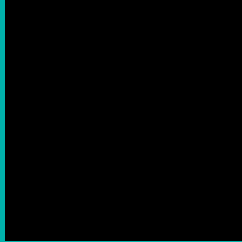
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

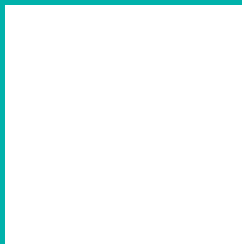
Any Text WCAG AAA ✓ Pass

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

YUV 123.9800, 23.1809, -108.7305 Background



This preview shows how black text looks on a background with the YUV color 123.9800, 23.1809, -108.7305.



This preview shows how white text looks on a background with the YUV color 123.9800, 23.1809, -108.7305.

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



Protanopia

158.4240, 0.2840, 2.2592

Deuteranopia

159.7970, 7.9881, 4.5630

Tritanopia

135.6330, 26.3099, -85.6241

Trichromacy



Protanomaly

145.9350, 8.4130, -38.5310

Deuteranomaly

146.9120, 13.3544, -36.7568

Tritanomaly

131.2360, 25.0267, -94.0460

Monochromacy



Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.2230, 8.2711, -39.6606

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.9800, 23.1809, -108.7305 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(0, 178, 171)` looks like.

```
.text, #text, p{  
    color:rgb(0, 178, 171)  
}
```

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(0, 178, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 178, 171) }
```

Border

The CSS property to change the border of an element to YUV 123.9800, 23.1809, -108.7305 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(0, 178, 171) }
```

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

```
.border{ border-color:rgb(0, 178, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 178, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 178, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 178, 171);  
box-shadow:4px 4px 4px 4px rgb(0, 178,  
171) }
```


Background

The CSS property to change the background color of an element to YUV 123.9800, 23.1809, -108.7305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 178, 171) }
```

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

```
.background{ background-color: rgb(0, 178,  
171) }
```

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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