

Converting Colors

YUV(133.9940, 18.7370,
-83.3097)

Have a look what the booklet for
YUV(133.9940, 18.7370, -83.3097)
contains.

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Color

**YUV(133.9940, 18.7370,
-83.3097)**

Conversions

Conversions Part 1

Format	Color
Hex	27AFAC
RGB	39, 175, 172
RGB Percent	15%, 69%, 67%
CMY	0.8471, 0.3137, 0.3255
CMYK	0.78, 0.00, 0.02, 0.31
HSL	179°, 64%, 42%
HSV	179°, 78%, 69%
XYZ	23.6131, 34.0698, 44.3613
YIQ	133.9940, -80.0930, -29.7650

Conversions

Conversions Part 2

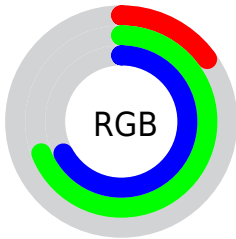
Format	Color
R_{YB}	39, 108, 175
Decimal	2600876
CIE _{Lab}	65.02, -34.89, -8.58
CIE _{LCh}	65, 35.933, 193.816
Y _{xy}	34.0698, 0.2314, 0.3339
Android (android.graphics.Color)	4280790956 (0xFF27AFAC)
YUV	133.9940, 18.7370, -83.3097
Hunter-Lab	58.3694, -29.9350, -4.2024

Details

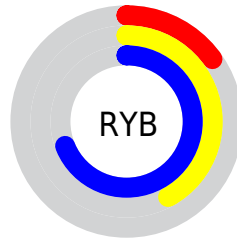
The YUV color **133.9940, 18.7370, -83.3097** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **80.0060, -18.7370, 83.3097**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.0660, 16.2365, -74.6029**, and **85.2940, 17.1101, -74.8028** is the 20% darker color. If you saturate the color by 10%, you get **128.9110, 21.2429, -93.7609**, and if you desaturate by 10%, it is **139.3760, 16.0836, -72.2438**.

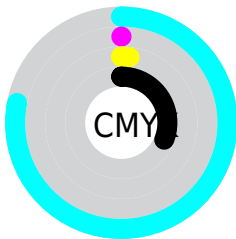
Distribution



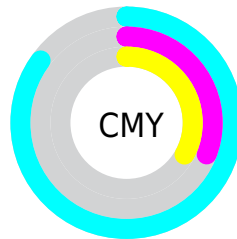
- Red (15%)
- Green (69%)
- Blue (67%)



- Red (15%)
- Yellow (42%)
- Blue (69%)



- Cyan (78%)
- Magenta (0%)
- Yellow (2%)
- Black (31%)



- Cyan (85%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.9940, 18.7370, -83.3097 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 133.9940, 18.7370, -83.3097 by changing the saturation by 10% instead.

■ 133.9940, 18.7370,
-83.3097

■ 133.9940, 18.7370,
-83.3097

■ 255.0000, 0.0000,
0.0000

■ 103.4060, 20.5058,
-90.6871

■ 194.0660, 16.2365,
-74.6029

■ 85.2940, 17.1101,
-74.8028

■ 220.6150, 16.9518,
-70.6994

■ 67.1820, 13.7143,
-58.9186

■ 229.5850, 12.5296,
-52.2560

■ 50.4720, 10.6133,
-44.2639

■ 238.5550, 8.1074,
-33.8127

■ 34.3490, 7.2229,
-30.1241

■ 247.5250, 3.6852,
-15.3694

■ 19.0410, 4.4168,
-16.6990

■ 0.0000, 0.0000,

0.0000

■ 133.9940, 18.7370,
-83.3097

■ 133.9940, 18.7370,
-83.3097

■ 128.9110, 21.2429,
-93.7609

■ 139.3760, 16.0836,
-72.2438

■ 123.4150, 23.4594,
-104.7270

■ 144.5730, 14.0145,
-61.8925

■ 122.2190, 24.0490,
-107.1861

■ 149.9550, 11.3612,
-50.8265

■ 155.1520, 9.2921,
-40.4753

■ 160.5340, 6.6387,
-29.4093

■ 165.6170, 4.1328,
-18.9581

■ 171.1130, 1.9163,
-7.9921

■ 176.1960, -0.5896,
2.4591

■ 181.5780, -3.2430,
13.5251

Harmonies

Analogous

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



143.9970, -2.4635, -49.9864



133.9940, 18.7370, -83.3097



130.1460, 34.9310, -97.4750

Triad

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



133.9940, 18.7370, -83.3097



161.6040, 20.9012, 16.1333



157.0000, -30.0730, 32.4490

Complementary

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



133.9940, 18.7370, -83.3097



80.0060, -18.7370, 83.3097

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.



158.6890, -21.5387, 48.5077



133.9940, 18.7370, -83.3097



161.9140, 7.4374, 41.2944

Square

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



133.9940, 18.7370, -83.3097



157.0170, 31.0506, -19.3089



160.5660, -8.1670, 53.0006



154.2590, -29.7077, 8.5429

Rectangle

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



133.9940, 18.7370, -83.3097



141.3540, 36.3075, -72.2245



160.5660, -8.1670, 53.0006



157.6140, -27.9107, 38.9265

Sweetspot

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



133.9940, 18.7370, -83.3097



211.3380, 7.2284, -31.8684



120.3270, -40.0942, -66.9388



105.3180, 4.2802, -19.5729



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



133.9940, 18.7370, -83.3097



163.3410, 28.9189, -129.2181



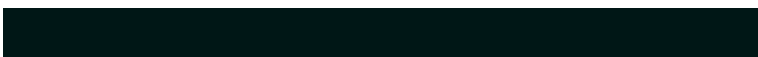
97.3550, 38.2790, -51.1773



84.3090, 1.3267, -5.5330



104.8080, 20.8007, -91.9166



16.0090, 2.9536, -14.0399

Inverse Universe

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



80.0060, -18.7370, 83.3097



79.6590, -28.9189, 129.2181



116.6450, -38.2790, 51.1773



80.6910, -1.3267, 5.5330



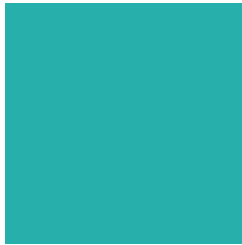
45.1920, -20.8007, 91.9166



6.9910, -2.9536, 14.0399

Previews

White Background



This preview shows how the YUV color 133.9940, 18.7370, -83.3097 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 133.9940, 18.7370, -83.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

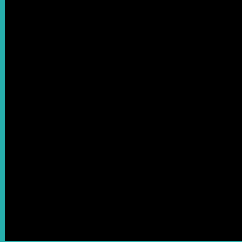
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 133.9940, 18.7370, -83.3097

Background



This preview shows how black text looks on a background with the YUV color 133.9940, 18.7370, -83.3097.

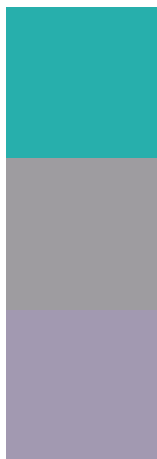


This preview shows how white text looks on a background with the YUV color 133.9940, 18.7370, -83.3097.

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

133.9940, 18.7370, -83.3097

Protanopia

157.0540, 1.4524, 0.8296

Deuteranopia

158.4270, 9.1565, 3.1335



Tritanopia

137.8190, 24.2462, -77.0173

Trichromacy



Original Color

133.9940, 18.7370, -83.3097

Protanomaly

148.7620, 7.5123, -29.6093

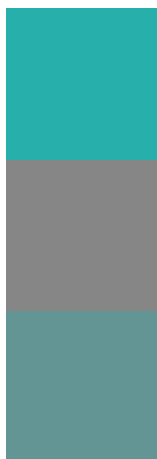
Deuteranomaly

149.4400, 12.6011, -28.4499

Tritanomaly

136.6400, 22.3625, -79.4913

Monochromacy



Original Color

133.9940, 18.7370, -83.3097

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.9360, 6.9336, -30.6389

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.9940, 18.7370, -83.3097 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(39, 175, 172)` looks like.

```
.text, #text, p{  
    color:rgb(39, 175, 172)  
}
```

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(39, 175, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 175, 172) }
```

Border

The CSS property to change the border of an element to YUV 133.9940, 18.7370, -83.3097 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(39, 175, 172) }
```


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

```
.border{ border-color:rgb(39, 175, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 175, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 175, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 175, 172);  
box-shadow:4px 4px 4px 4px rgb(39, 175,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 133.9940, 18.7370, -83.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 175, 172) }
```

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

```
.background{ background-color: rgb(39, 175,  
172) }
```

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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