

Converting Colors

YUV(123.5270, 13.5442,
-97.8092)

Have a look what the booklet for
YUV(123.5270, 13.5442, -97.8092)
contains.

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Color

**YUV(123.5270, 13.5442,
-97.8092)**

Conversions

Conversions Part 1

Format	Color
Hex	0CAF97
RGB	12, 175, 151
RGB Percent	5%, 69%, 59%
CMY	0.9529, 0.3137, 0.4078
CMYK	0.93, 0.00, 0.14, 0.31
HSL	171°, 87%, 37%
HSV	171°, 93%, 69%
XYZ	21.0675, 32.9725, 34.5321
YIQ	123.5270, -89.4440, -42.0200

Conversions

Conversions Part 2

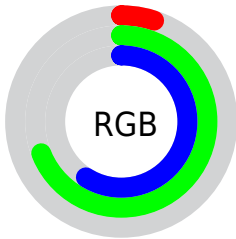
Format	Color
RYB	12, 100, 175
Decimal	831383
CIELab	64.14, -42.83, 1.78
CIELCh	64, 42.867, 177.621
Yxy	32.9725, 0.2379, 0.3723
Android (android.graphics.Color)	4279021463 (0xFF0CAF97)
YUV	123.5270, 13.5442, -97.8092
Hunter-Lab	57.4217, -34.9978, 4.5395

Details

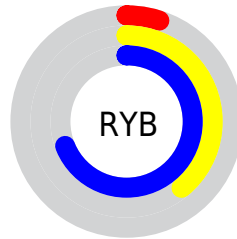
The YUV color **123.5270, 13.5442, -97.8092** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **63.4730, -13.5442, 97.8092**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.9700, 8.3958, -79.7807**, and **82.4270, 8.6635, -72.2885** is the 20% darker color. If you saturate the color by 10%, you get **119.7110, 14.4395, -104.9865**, and if you desaturate by 10%, it is **129.2510, 12.2013, -87.0431**.

Distribution



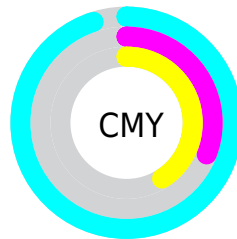
- Red (5%)
- Green (69%)
- Blue (59%)



- Red (5%)
- Yellow (39%)
- Blue (69%)



- Cyan (93%)
- Magenta (0%)
- Yellow (14%)
- Black (31%)



- Cyan (95%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.5270, 13.5442, -97.8092 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 123.5270, 13.5442, -97.8092 by changing the saturation by 10% instead.

■ 123.5270, 13.5442,
-97.8092

■ 123.5270, 13.5442,
-97.8092

■ 255.0000, 0.0000,
0.0000

■ 101.1260, 11.7699,
-88.6875

■ 187.9700, 8.3958,
-79.7807

■ 82.4270, 8.6635,
-72.2885

■ 214.8180, 8.9637,
-75.2624

■ 65.0160, 5.4151,
-57.0190

■ 226.2960, 14.1511,
-59.0186

■ 47.8330, 3.0403,
-41.9495

■ 235.2660, 9.7289,
-40.5753

■ 31.9380, 0.5236,
-28.0096

■ 244.2360, 5.3067,
-22.1320

■ 14.6410, -2.2880,
-12.8402

■ 253.5050, 0.7370,

■ 0.0000, 0.0000,

-3.0739

0.0000

■ 123.5270, 13.5442,
-97.8092

■ 123.5270, 13.5442,
-97.8092

■ 119.7110, 14.4395,
-104.9865

■ 129.2510, 12.2013,
-87.0431

■ 134.5620, 10.5689,
-76.7919

■ 140.2860, 9.2260,
-66.0258

■ 145.5970, 7.5937,
-55.7746

■ 151.3210, 6.2507,
-45.0085

■ 156.6320, 4.6184,
-34.7573

■ 162.3560, 3.2755,
-23.9912

■ 167.7810, 2.0800,
-13.8399

■ 173.3910, 0.3002,
-2.9739

Harmonies

Analogous

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



141.9630, -14.2788, -40.3096



123.5270, 13.5442, -97.8092



124.3850, 32.3482, -109.0856

Triad

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



123.5270, 13.5442, -97.8092



157.7570, 32.1648, -3.2949



155.1700, -31.1428, 48.9629

Complementary

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



123.5270, 13.5442, -97.8092



63.4730, -13.5442, 97.8092

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.



156.3300, -16.9247, 61.9776



123.5270, 13.5442, -97.8092



160.3290, 18.0788, 34.7915

Square

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



123.5270, 13.5442, -97.8092



145.6690, 42.0682, -53.2067



158.3030, 0.8366, 58.4933



152.4200, -37.1821, 25.9417

Rectangle

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



123.5270, 13.5442, -97.8092



125.0180, 42.3891, -109.6408



158.3030, 0.8366, 58.4933



155.2400, -27.2333, 55.0405

Sweetspot

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



123.5270, 13.5442, -97.8092



206.8380, 5.5029, -38.4459



114.8570, -50.7085, -69.1576



102.6550, 3.1281, -23.3764



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.



123.5270, 13.5442, -97.8092



155.3650, 19.0471, -136.2551



92.8040, 40.5226, -70.8651



84.0810, 0.4531, -5.3330



102.6420, 12.5015, -90.0170



15.7810, 2.0800, -13.8399

Inverse Universe

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



63.4730, -13.5442, 97.8092



71.6350, -19.0471, 136.2551



94.1960, -40.5226, 70.8651



80.8050, -0.8899, 5.4330



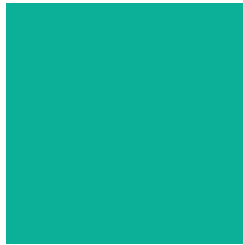
47.3580, -12.5015, 90.0170



7.2190, -2.0800, 13.8399

Previews

White Background



This preview shows how the YUV color 123.5270, 13.5442, -97.8092 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 123.5270, 13.5442, -97.8092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

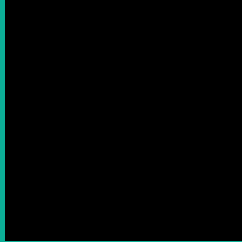
Any Text WCAG AA ✓ Pass

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 123.5270, 13.5442, -97.8092 Background



This preview shows how black text looks on a background with the YUV color 123.5270, 13.5442, -97.8092.

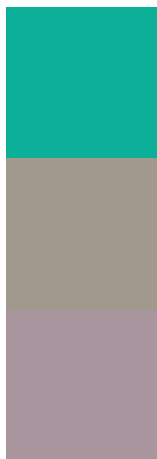


This preview shows how white text looks on a background with the YUV color 123.5270, 13.5442, -97.8092.

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

123.5270, 13.5442, -97.8092

Protanopia

154.4970, -7.1470, 5.7031

Deuteranopia

155.5930, 0.6937, 10.8809



Tritanopia

135.4170, 23.9514, -75.7877

Trichromacy



Original Color

123.5270, 13.5442, -97.8092

Protanomaly

143.5030, 0.2450, -32.0131

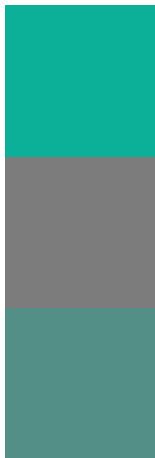
Deuteranomaly

143.6050, 5.6177, -28.5946

Tritanomaly

131.3360, 20.0474, -83.6097

Monochromacy



Original Color

123.5270, 13.5442, -97.8092

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.0340, 4.9132, -35.9868

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.5270, 13.5442, -97.8092 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(12, 175, 151)` looks like.

```
.text, #text, p{  
    color:rgb(12, 175, 151)  
}
```

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(12, 175, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 175, 151) }
```

Border

The CSS property to change the border of an element to YUV 123.5270, 13.5442, -97.8092 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(12, 175, 151) }
```


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

```
.border{ border-color:rgb(12, 175, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 175, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 175, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 175, 151);  
box-shadow:4px 4px 4px 4px rgb(12, 175,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 123.5270, 13.5442, -97.8092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 175, 151) }
```

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

```
.background{ background-color: rgb(12, 175,  
151) }
```

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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