

Converting Colors

YUV(126.5870, 12.5286,
-98.7388)

Have a look what the booklet for
YUV(126.5870, 12.5286, -98.7388)
contains.

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Color

**YUV(126.5870, 12.5286,
-98.7388)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0EB398 |
| RGB | 14, 179, 152 |
| RGB Percent | 5%, 70%, 60% |
| CMY | 0.9451, 0.2980, 0.4039 |
| CMYK | 0.92, 0.00, 0.15, 0.30 |
| HSL | 170°, 85%, 38% |
| HSV | 170°, 92%, 70% |
| XYZ | 21.9687, 34.6006, 35.2265 |
| YIQ | 126.5870, -89.6730, -43.3770 |

Conversions

Conversions Part 2

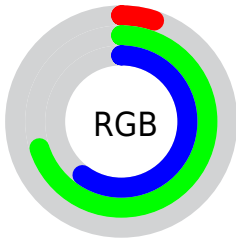
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 14, 104, 179 |
| Decimal | 963480 |
| CIE Lab | 65.44, -44.17, 3.11 |
| CIE LCh | 65, 44.279, 175.974 |
| Yxy | 34.6006, 0.2393, 0.3769 |
| Android (android.graphics.Color) | 4279153560 (0xFF0EB398) |
| YUV | 126.5870, 12.5286, -98.7388 |
| Hunter-Lab | 58.8222, -36.2734, 5.6690 |

Details

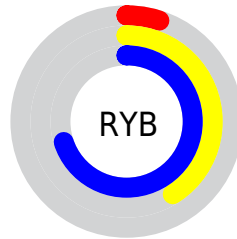
The YUV color **126.5870, 12.5286, -98.7388** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **66.4130, -12.5286, 98.7388**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6170, 7.0908, -81.2251**, and **84.8890, 7.9427, -74.4477** is the 20% darker color. If you saturate the color by 10%, you get **122.1730, 13.7187, -107.1457**, and if you desaturate by 10%, it is **132.3110, 11.1857, -87.9727**.

Distribution



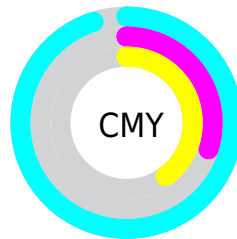
- Red (5%)
- Green (70%)
- Blue (60%)



- Red (5%)
- Yellow (41%)
- Blue (70%)



- Cyan (92%)
- Magenta (0%)
- Yellow (15%)
- Black (30%)



- Cyan (95%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.5870, 12.5286, -98.7388 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 126.5870, 12.5286, -98.7388 by changing the saturation by 10% instead.

■ 126.5870, 12.5286,
-98.7388

■ 126.5870, 12.5286,
-98.7388

■ 255.0000, 0.0000,
0.0000

■ 103.5880, 11.0491,
-90.8467

■ 191.6170, 7.0908,
-81.2251

■ 84.8890, 7.9427,
-74.4477

■ 215.2310, 9.2531,
-74.7476

■ 66.8910, 4.9837,
-58.6634

■ 226.5950, 14.0037,
-58.4038

■ 49.7080, 2.6090,
-43.5939

■ 235.8640, 9.4340,
-39.3457

■ 33.6990, -0.3446,
-29.5540

■ 244.8340, 5.0118,
-20.9024

■ 17.6900, -3.2982,
-15.5141

■ 253.8040, 0.5896,

■ 0.0000, 0.0000,

-2.4591

0.0000

■ 126.5870, 12.5286,
-98.7388

■ 126.5870, 12.5286,
-98.7388

■ 122.1730, 13.7187,
-107.1457

■ 132.3110, 11.1857,
-87.9727

■ 138.0350, 9.8427,
-77.2067

■ 143.7590, 8.4998,
-66.4406

■ 149.4830, 7.1569,
-55.6746

■ 155.2070, 5.8139,
-44.9085

■ 160.6320, 4.6184,
-34.7573

■ 166.3560, 3.2755,
-23.9912

■ 171.9660, 1.4958,
-13.1252

■ 177.6900, 0.1528,
-2.3591

Harmonies

Analogous

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



145.5070, -16.0260, -39.9096



126.5870, 12.5286, -98.7388



126.9610, 32.0642, -111.3448

Triad

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



126.5870, 12.5286, -98.7388



160.9030, 34.0648, -6.0539



158.6650, -31.8798, 52.0368

Complementary

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



126.5870, 12.5286, -98.7388



66.4130, -12.5286, 98.7388

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.



160.0530, -16.7881, 64.8515



126.5870, 12.5286, -98.7388



163.7850, 19.8260, 34.3916

Square

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



126.5870, 12.5286, -98.7388



147.6080, 44.5633, -60.1692



162.2430, 1.8522, 59.4229



156.0890, -38.4979, 27.9859

Rectangle

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



126.5870, 12.5286, -98.7388



127.8220, 42.9788, -112.0999



162.2430, 1.8522, 59.4229



158.9630, -27.0968, 57.9144

Sweetspot

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



126.5870, 12.5286, -98.7388



211.3110, 4.7767, -38.8607



118.9280, -51.7295, -68.3429



104.3560, 3.2755, -23.9912



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.



126.5870, 12.5286, -98.7388



158.3000, 17.6001, -138.8291



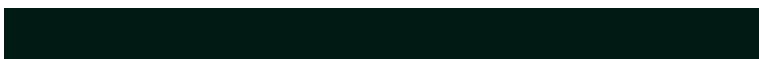
97.3800, 40.2387, -73.1243



86.1950, 0.8899, -5.4330



104.4030, 11.6333, -91.5614



17.6560, 1.6486, -15.4843

Inverse Universe

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



66.4130, -12.5286, 98.7388



73.7000, -17.6001, 138.8291



95.6200, -40.2387, 73.1243



82.9190, -0.4531, 5.3330



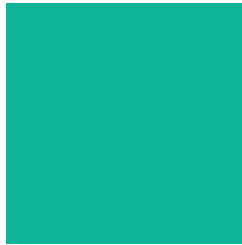
48.5970, -11.6333, 91.5614



8.2300, -2.0854, 15.5843

Previews

White Background



This preview shows how the YUV color 126.5870, 12.5286, -98.7388 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 126.5870, 12.5286, -98.7388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

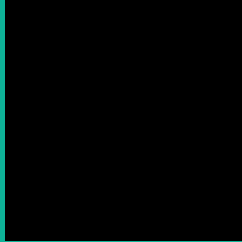
Any Text WCAG AA ✓ Pass

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 126.5870, 12.5286, -98.7388 Background



This preview shows how black text looks on a background with the YUV color 126.5870, 12.5286, -98.7388.

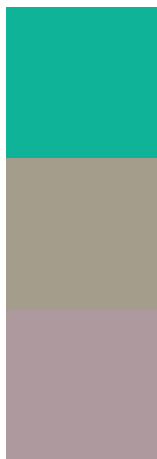


This preview shows how white text looks on a background with the YUV color 126.5870, 12.5286, -98.7388.

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

126.5870, 12.5286, -98.7388

Protanopia

157.4540, -8.6048, 6.6178

Deuteranopia

159.5500, -0.7641, 11.7957



Tritanopia

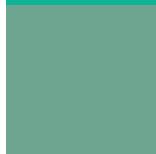
139.1180, 24.0988, -76.4025

Trichromacy



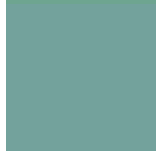
Original Color

126.5870, 12.5286, -98.7388



Protanomaly

146.1610, -1.0654, -31.7132



Deuteranomaly

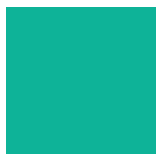
147.2630, 4.3073, -28.2947



Tritanomaly

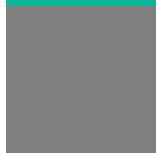
134.6240, 19.9054, -84.7392

Monochromacy



Original Color

126.5870, 12.5286, -98.7388



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

126.9200, 4.4764, -35.8868

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.5870, 12.5286, -98.7388 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(14, 179, 152)` looks like.

```
.text, #text, p{  
    color:rgb(14, 179, 152)  
}
```

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(14, 179, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 179, 152) }
```

Border

The CSS property to change the border of an element to YUV 126.5870, 12.5286, -98.7388 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(14, 179, 152) }
```


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

```
.border{ border-color:rgb(14, 179, 152) }
```

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

Here you see how a box with a 4 pixel rgb(14, 179, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 179, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 179, 152);  
box-shadow:4px 4px 4px 4px rgb(14, 179,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 126.5870, 12.5286, -98.7388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 179, 152) }
```

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

```
.background{ background-color: rgb(14, 179,  
152) }
```

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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