

Converting Colors

YUV(98.4870, 7.6479, -73.2181)

Have a look what the booklet for
YUV(98.4870, 7.6479, -73.2181)
contains.

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Color

**YUV(98.4870, 7.6479,
-73.2181)**

Conversions

Conversions Part 1

Format	Color
Hex	0F8A72
RGB	15, 138, 114
RGB Percent	6%, 54%, 45%
CMY	0.9412, 0.4588, 0.5529
CMYK	0.89, 0.00, 0.17, 0.46
HSL	168°, 80%, 30%
HSV	168°, 89%, 54%
XYZ	12.3227, 19.4934, 19.0327
YIQ	98.4870, -65.6040, -33.5400

Conversions

Conversions Part 2

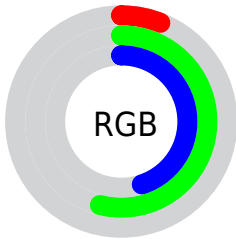
Format	Color
R_{YB}	15, 83, 138
Decimal	1018482
CIE _{Lab}	51.26, -36.85, 4.14
CIE _{LCh}	51, 37.082, 173.592
Yxy	19.4934, 0.2423, 0.3834
Android (android.graphics.Color)	4279208562 (0xFF0F8A72)
YUV	98.4870, 7.6479, -73.2181
Hunter-Lab	44.1514, -27.4451, 5.3473

Details

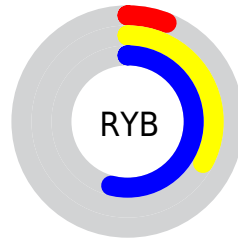
The YUV color **98.4870, 7.6479, -73.2181** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **54.5130, -7.6479, 73.2181**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.6410, 4.1210, -61.9522**, and **58.5930, 3.6517, -51.3861** is the 20% darker color. If you saturate the color by 10%, you get **93.9590, 8.4012, -81.5250**, and if you desaturate by 10%, it is **103.0150, 6.8946, -64.9112**.

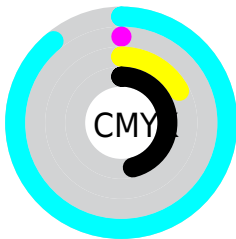
Distribution



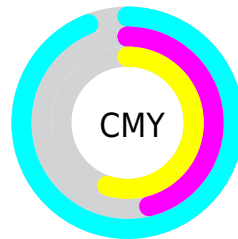
- Red (6%)
- Green (54%)
- Blue (45%)



- Red (6%)
- Yellow (33%)
- Blue (54%)



- Cyan (89%)
- Magenta (0%)
- Yellow (17%)
- Black (46%)



- Cyan (94%)
- Magenta (46%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.4870, 7.6479, -73.2181 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 98.4870, 7.6479, -73.2181 by changing the saturation by 10% instead.

98.4870, 7.6479,
-73.2181

98.4870, 7.6479,
-73.2181

255.0000, 0.0000,
0.0000

76.0040, 6.9000,
-66.6555

157.6410, 4.1210,
-61.9522

58.5930, 3.6517,
-51.3861

185.8260, 3.5368,
-61.2374

41.9970, 0.9875,
-36.8314

214.7120, 3.1000,
-61.1374

26.6890, -1.8187,
-23.4063

229.7980, 9.4666,
-49.8118

5.2830, -2.6045,
-4.6332

239.4520, 7.6652,
-31.9684

0.0000, 0.0000,
0.0000

248.1230, 3.3904,

-14.1399

■ 98.4870, 7.6479,
-73.2181

■ 98.4870, 7.6479,
-73.2181

■ 93.9590, 8.4012,
-81.5250

■ 103.0150, 6.8946,
-64.9112

■ 93.6600, 8.5486,
-82.1398

■ 107.4290, 5.7045,
-56.5042

■ 111.6580, 5.0986,
-48.8121

■ 116.1860, 4.3453,
-40.5051

■ 120.6000, 3.1552,
-32.0982

■ 125.1280, 2.4019,
-23.7913

■ 129.6560, 1.6486,
-15.4843

■ 133.8850, 1.0427,
-7.7921

■ 138.2990, -0.1474,
0.6148

Harmonies

Analogous

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



112.3280, -14.4587, -29.2287



98.4870, 7.6479, -73.2181



97.6500, 23.8365, -85.6391

Triad

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



98.4870, 7.6479, -73.2181



122.6980, 28.2499, -7.6281



122.1460, -24.7220, 42.8450

Complementary

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



98.4870, 7.6479, -73.2181



54.5130, -7.6479, 73.2181

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.



123.1160, -12.3822, 51.6413



98.4870, 7.6479, -73.2181



125.6330, 16.9429, 25.7549

Square

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



98.4870, 7.6479, -73.2181



110.8880, 36.5372, -52.5218



124.9810, 2.4744, 46.4977



119.8310, -30.4827, 23.8272

Rectangle

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



98.4870, 7.6479, -73.2181



98.6420, 32.7145, -86.5090



124.9810, 2.4744, 46.4977



122.2050, -20.8071, 47.1782

Sweetspot

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



98.4870, 7.6479, -73.2181



163.2090, 2.8550, -29.1243



94.6760, -39.2803, -47.9509



80.0580, 1.9434, -16.7139



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



98.4870, 7.6479, -73.2181



121.4890, 11.0979, -106.5459



79.5040, 28.8385, -56.5700



66.7930, 0.5951, -4.2035



90.2690, 8.2484, -79.1659



3.3910, 0.3002, -2.9739

Inverse Universe

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



54.5130, -7.6479, 73.2181



57.5110, -11.0979, 106.5459



73.4960, -28.8385, 56.5700



64.2070, -0.5951, 4.2035



42.7310, -8.2484, 79.1659



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 98.4870, 7.6479, -73.2181 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 98.4870, 7.6479, -73.2181 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 × Fail

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

YUV 98.4870, 7.6479, -73.2181

Background



This preview shows how black text looks on a background with the YUV color 98.4870, 7.6479, -73.2181.

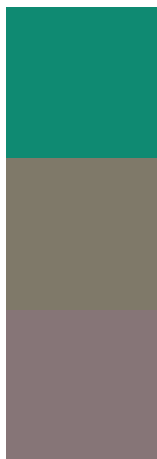


This preview shows how white text looks on a background with the YUV color 98.4870, 7.6479,

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

98.4870, 7.6479, -73.2181

Protanopia

120.9700, -7.8732, 5.2883

Deuteranopia

122.3110, -1.6323, 10.2513



Tritanopia

107.7460, 18.3662, -57.6592

Trichromacy



Original Color

98.4870, 7.6479, -73.2181

Protanomaly

112.5750, -2.2555, -23.3063

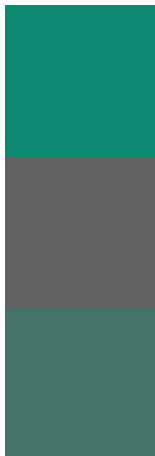
Deuteranomaly

113.9220, 1.5175, -20.1026

Tritanomaly

104.0890, 14.7461, -63.2221

Monochromacy



Original Color

98.4870, 7.6479, -73.2181

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.5190, 2.7021, -26.7652

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4870, 7.6479, -73.2181 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(15, 138, 114)` looks like.

```
.text, #text, p{  
    color:rgb(15, 138, 114)  
}
```

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(15, 138, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 138, 114) }
```

Border

The CSS property to change the border of an element to YUV 98.4870, 7.6479, -73.2181 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(15, 138, 114) }
```


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

```
.border{ border-color:rgb(15, 138, 114) }
```

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

Here you see how a box with a 4 pixel rgb(15, 138, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 138, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 138, 114);  
box-shadow:4px 4px 4px 4px rgb(15, 138,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 98.4870, 7.6479, -73.2181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 138, 114) }
```

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

```
.background{ background-color: rgb(15, 138,  
114) }
```

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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