

Converting Colors

YUV(89.9410, 15.8051,
-76.2473)

Have a look what the booklet for
YUV(89.9410, 15.8051, -76.2473)
contains.

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Color

**YUV(89.9410, 15.8051,
-76.2473)**

Conversions

Conversions Part 1

Format	Color
Hex	03807A
RGB	3, 128, 122
RGB Percent	1%, 50%, 48%
CMY	0.9882, 0.4980, 0.5216
CMYK	0.98, 0.00, 0.05, 0.50
HSL	177°, 95%, 26%
HSV	177°, 98%, 50%
XYZ	11.2696, 16.8628, 21.0732
YIQ	89.9410, -72.5740, -28.3660

Conversions

Conversions Part 2

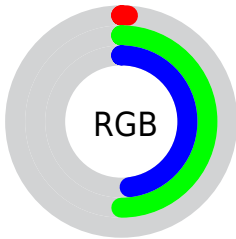
Format	Color
RYB	3, 67, 128
Decimal	229498
CIELab	48.09, -30.60, -5.19
CIELCh	48, 31.037, 189.632
Yxy	16.8628, 0.2290, 0.3427
Android (android.graphics.Color)	4278419578 (0xFF03807A)
YUV	89.9410, 15.8051, -76.2473
Hunter-Lab	41.0644, -22.8757, -1.6811

Details

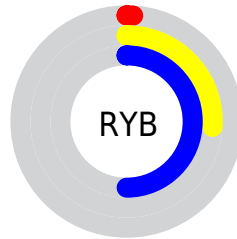
The YUV color **89.9410, 15.8051, -76.2473** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **41.0590, -15.8051, 76.2473**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.6010, 11.5357, -60.1631**, and **54.2220, 9.7506, -47.5527** is the 20% darker color. If you saturate the color by 10%, you get **89.0440, 16.2473, -78.0916**, and if you desaturate by 10%, it is **93.9420, 14.3256, -68.3551**.

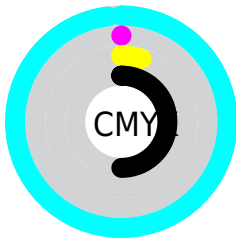
Distribution



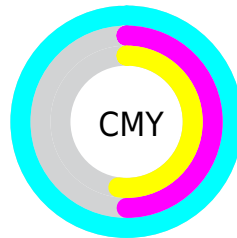
- Red (1%)
- Green (50%)
- Blue (48%)



- Red (1%)
- Yellow (26%)
- Blue (50%)



- Cyan (98%)
- Magenta (0%)
- Yellow (5%)
- Black (50%)



- Cyan (99%)
- Magenta (50%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.9410, 15.8051, -76.2473 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 89.9410, 15.8051, -76.2473 by changing the saturation by 10% instead.

89.9410, 15.8051,
-76.2473

89.9410, 15.8051,
-76.2473

255.0000, 0.0000,
0.0000

71.5190, 12.5621,
-62.7222

150.6010, 11.5357,
-60.1631

54.2220, 9.7506,
-47.5527

178.9000, 11.3883,
-59.5483

37.5120, 6.6496,
-32.8980

207.7860, 10.9515,
-59.4483

23.3780, 3.2646,
-20.5025

229.2860, 12.6770,
-52.8708

0.5700, 2.1840,
-0.4999

237.9570, 8.4022,
-35.0423

0.0000, 0.0000,
0.0000

246.6280, 4.1274,

-17.2138

■ 89.9410, 15.8051,
-76.2473

■ 89.9410, 15.8051,
-76.2473

■ 89.0440, 16.2473,
-78.0916

■ 93.9420, 14.3256,
-68.3551

■ 97.8290, 12.4093,
-60.3630

■ 101.5310, 11.0772,
-53.0857

■ 105.4180, 9.1609,
-45.0936

■ 109.4190, 7.6814,
-37.2015

■ 113.4200, 6.2019,
-29.3093

■ 117.3070, 4.2856,
-21.3172

■ 121.0090, 2.9536,
-14.0399

■ 125.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



103.3190, -4.1013, -37.9908



89.9410, 15.8051, -76.2473



91.3070, 27.4566, -80.0762

Triad

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



89.9410, 15.8051, -76.2473



116.9900, 18.7389, 9.6558



113.2860, -23.8050, 28.6902

Complementary

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



89.9410, 15.8051, -76.2473



41.0590, -15.8051, 76.2473

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.



115.0130, -16.2754, 40.3306



89.9410, 15.8051, -76.2473



117.5600, 7.6119, 31.9579

Square

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



89.9410, 15.8051, -76.2473



112.4530, 26.3987, -20.5683



115.8250, -4.3507, 42.2495



111.2360, -24.7663, 10.3170

Rectangle

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



89.9410, 15.8051, -76.2473



91.8110, 33.1242, -77.8872



115.8250, -4.3507, 42.2495



113.8890, -21.6373, 33.4233

Sweetspot

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



89.9410, 15.8051, -76.2473



151.3060, 5.7651, -29.2094



78.1690, -37.0583, -60.6612



75.2150, 3.8380, -17.7286



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



89.9410, 15.8051, -76.2473



115.4540, 20.9752, -101.2532



57.7530, 34.6318, -48.0184



61.7930, 0.5951, -4.2035



88.9300, 15.8105, -77.9916



0.0000, 0.0000, 0.0000

Inverse Universe

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



41.0590, -15.8051, 76.2473



50.5460, -20.9752, 101.2532



73.2470, -34.6318, 48.0184



59.2070, -0.5951, 4.2035



38.9560, -16.2473, 78.0916



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 89.9410, 15.8051, -76.2473 looks on a white 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

Black Background



This preview shows how the YUV color 89.9410, 15.8051, -76.2473 looks on a black 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

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

YUV 89.9410, 15.8051, -76.2473

Background



This preview shows how black text looks on a background with the YUV color 89.9410, 15.8051, -76.2473.



This preview shows how white text looks on a background with the YUV color 89.9410, 15.8051,

-76.2473.

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

89.9410, 15.8051, -76.2473

Protanopia

113.8970, -0.4422, 1.8443

Deuteranopia

115.1020, 5.3727, 3.4185



Tritanopia

97.8380, 18.8139, -61.2479

Trichromacy



Original Color

89.9410, 15.8051, -76.2473

Protanomaly

104.9150, 5.4649, -26.2355

Deuteranomaly

105.9520, 9.3907, -25.3909

Tritanomaly

95.1640, 17.6671, -66.7958

Monochromacy



Original Color

89.9410, 15.8051, -76.2473

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0180, 5.9071, -28.0798

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.9410, 15.8051, -76.2473 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(3, 128, 122)` looks like.

```
.text, #text, p{  
    color:rgb(3, 128, 122)  
}
```

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(3, 128, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 128, 122) }
```

Border

The CSS property to change the border of an element to YUV 89.9410, 15.8051, -76.2473 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(3, 128, 122) }
```


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

```
.border{ border-color:rgb(3, 128, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 128, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 128, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 128, 122);  
box-shadow:4px 4px 4px 4px rgb(3, 128,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 89.9410, 15.8051, -76.2473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 128, 122) }
```

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

```
.background{ background-color: rgb(3, 128,  
122) }
```

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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