

Converting Colors

YUV(89.9850, 32.5454,
-78.9168)

Have a look what the booklet for
YUV(89.9850, 32.5454, -78.9168)
contains.

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Color

**YUV(89.9850, 32.5454,
-78.9168)**

Conversions

Conversions Part 1

Format	Color
Hex	007B9C
RGB	0, 123, 156
RGB Percent	0%, 48%, 61%
CMY	1.0000, 0.5176, 0.3882
CMYK	1.00, 0.21, 0.00, 0.39
HSL	193°, 100%, 31%
HSV	193°, 100%, 61%
XYZ	13.0837, 16.5662, 33.9605
YIQ	89.9850, -83.9010, -15.8130

Conversions

Conversions Part 2

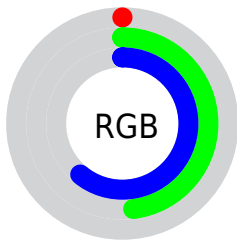
Format	Color
RYB	0, 69, 156
Decimal	31644
CIELab	47.71, -16.44, -25.79
CIELCh	48, 30.585, 237.486
Yxy	16.5662, 0.2057, 0.2604
Android (android.graphics.Color)	4278221724 (0xFF007B9C)
YUV	89.9850, 32.5454, -78.9168
Hunter-Lab	40.7016, -13.8482, -20.9791

Details

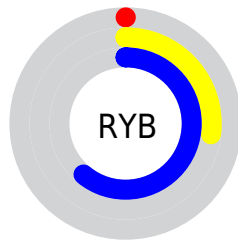
The YUV color **89.9850, 32.5454, -78.9168** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **66.0150, -32.5454, 78.9168**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.3790, 28.4072, -58.2144**, and **55.4080, 24.4489, -48.5928** is the 20% darker color. If you saturate the color by 10%, you get **89.9850, 32.5454, -78.9168**, and if you desaturate by 10%, it is **96.5300, 29.3187, -70.6248**.

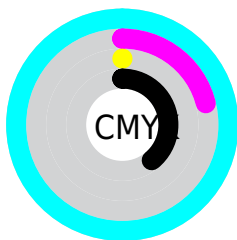
Distribution



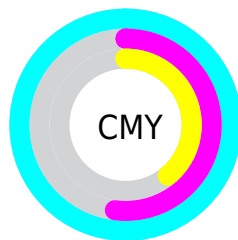
- Red (0%)
- Green (48%)
- Blue (61%)



- Red (0%)
- Yellow (27%)
- Blue (61%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (52%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.9850, 32.5454, -78.9168 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 89.9850, 32.5454, -78.9168 by changing the saturation by 10% instead.

■ 89.9850, 32.5454,
-78.9168

■ 89.9850, 32.5454,
-78.9168

■ 255.0000, 0.0000,
0.0000

■ 72.3460, 28.4234,
-63.4474

■ 153.3790, 28.4072,
-58.2144

■ 55.4080, 24.4489,
-48.5928

■ 181.3900, 28.4017,
-56.4700

■ 39.0570, 20.1849,
-34.2530

■ 208.3210, 23.0127,
-54.6555

■ 24.6950, 15.9264,
-21.6575

■ 231.0800, 11.7926,
-49.1822

■ 5.2780, 15.1459,
-4.6288

■ 240.0500, 7.3704,
-30.7388

■ 1.2540, 4.8048,
-1.0998

■ 249.0200, 2.9481,

■ 0.0000, 0.0000,

-12.2955

0.0000

■ 89.9850, 32.5454,
-78.9168

■ 96.5300, 29.3187,
-70.6248

■ 103.3630, 25.9500,
-63.4624

■ 109.9080, 22.7234,
-55.1703

■ 116.1540, 19.6441,
-47.4931

■ 122.6990, 16.4174,
-39.2010

■ 129.8310, 12.9013,
-31.4238

■ 136.0770, 9.8220,
-23.7465

■ 142.6220, 6.5954,
-15.4545

■ 149.4550, 3.2267,
-8.2920

Harmonies

Analogous

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



89.4660, 22.9413, -78.4617



89.9850, 32.5454, -78.9168



107.4190, 27.8944, -33.6935

Triad

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



89.9850, 32.5454, -78.9168



115.6550, 0.1701, 38.8906



108.7720, -21.0866, -3.3080

Complementary

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



89.9850, 32.5454, -78.9168



66.0150, -32.5454, 78.9168

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.



111.5790, -24.9354, 17.9092



89.9850, 32.5454, -78.9168



114.5770, -11.6235, 41.5900

Square

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



89.9850, 32.5454, -78.9168



116.3570, 12.1490, 23.3659



113.3020, -21.3479, 33.9381



104.9030, -9.8122, -26.2249

Rectangle

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



89.9850, 32.5454, -78.9168



113.5250, 23.8982, -11.8614



113.3020, -21.3479, 33.9381



109.6590, -23.0029, 4.6841

Sweetspot

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



89.9850, 32.5454, -78.9168



178.1300, 12.7539, -30.8090



95.1060, -31.6043, -83.4080



86.2410, 7.7692, -18.6284



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



89.9850, 32.5454, -78.9168



117.7630, 42.5148, -103.2782



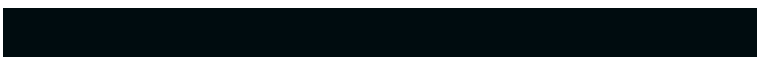
45.3730, 54.5391, -39.7921



75.4340, 1.7580, -3.8886



82.6330, 29.7609, -72.4691



8.7540, 3.0793, -7.6773

Inverse Universe

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



60.6660, 30.7307, 83.6079



79.3500, 40.2535, 109.3180



110.6270, -54.5391, 39.7921



74.0760, 1.4415, 4.3183



55.6390, 28.2790, 76.6156



5.8530, 3.0305, 8.0219

Previews

White Background



This preview shows how the YUV color 89.9850, 32.5454, -78.9168 looks on a white background.

Color Contrast Check

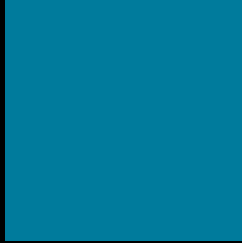
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.9850, 32.5454, -78.9168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

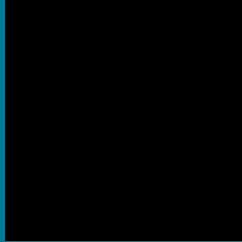
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.9850, 32.5454, -78.9168

Background



This preview shows how black text looks on a background with the YUV color 89.9850, 32.5454, -78.9168.

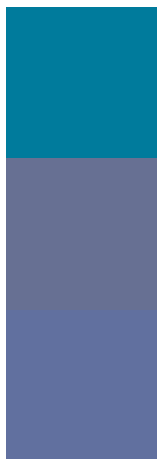


This preview shows how white text looks on a background with the YUV color 89.9850, 32.5454,

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

89.9850, 32.5454, -78.9168

Protanopia

113.2990, 16.6146, -9.0322

Deuteranopia

112.8730, 22.7406, -13.9206



Tritanopia

89.3520, 22.5045, -78.3617

Trichromacy



Original Color

89.9850, 32.5454, -78.9168

Protanomaly

104.9260, 22.2215, -34.1381

Deuteranomaly

104.6420, 26.3055, -37.3970

Tritanomaly

89.6770, 26.2882, -78.6467

Monochromacy



Original Color

89.9850, 32.5454, -78.9168

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9130, 11.8749, -28.8647

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.9850, 32.5454, -78.9168 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(0, 123, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 123, 156)  
}
```

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(0, 123, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 123, 156) }
```

Border

The CSS property to change the border of an element to YUV 89.9850, 32.5454, -78.9168 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(0, 123, 156) }
```


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

```
.border{ border-color:rgb(0, 123, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 123, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 123, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 123, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 123,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 89.9850, 32.5454, -78.9168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 123, 156) }
```

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

```
.background{ background-color: rgb(0, 123,  
156) }
```

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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