

Converting Colors

YUV(89.3860, 17.5577,
-78.3915)

Have a look what the booklet for
YUV(89.3860, 17.5577, -78.3915)
contains.

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Color

**YUV(89.3860, 17.5577,
-78.3915)**

Conversions

Conversions Part 1

Format	Color
Hex	00807D
RGB	0, 128, 125
RGB Percent	0%, 50%, 49%
CMY	1.0000, 0.4980, 0.5098
CMYK	1.00, 0.00, 0.02, 0.50
HSL	179°, 100%, 25%
HSV	179°, 100%, 50%
XYZ	11.4208, 16.9190, 22.0658
YIQ	89.3860, -75.3250, -28.0690

Conversions

Conversions Part 2

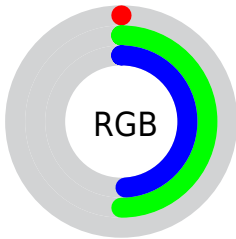
Format	Color
RYB	0, 65, 128
Decimal	32893
CIELab	48.16, -29.81, -6.86
CIELCh	48, 30.591, 192.957
Yxy	16.9190, 0.2266, 0.3357
Android (android.graphics.Color)	4278222973 (0xFF00807D)
YUV	89.3860, 17.5577, -78.3915
Hunter-Lab	41.1327, -22.4203, -3.0134

Details

The YUV color **89.3860, 17.5577, -78.3915** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **38.6140, -17.5577, 78.3915**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.0570, 13.2829, -60.5630**, and **54.4500, 10.6242, -47.7526** is the 20% darker color. If you saturate the color by 10%, you get **89.3860, 17.5577, -78.3915**, and if you desaturate by 10%, it is **93.2730, 15.6414, -70.3994**.

Distribution



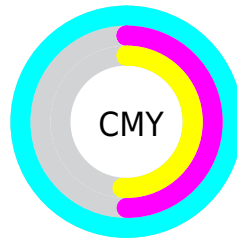
- Red (0%)
- Green (50%)
- Blue (49%)



- Red (0%)
- Yellow (25%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3860, 17.5577, -78.3915 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 89.3860, 17.5577, -78.3915 by changing the saturation by 10% instead.

■ 89.3860, 17.5577,
-78.3915

■ 89.3860, 17.5577,
-78.3915

■ 255.0000, 0.0000,
0.0000

■ 71.8610, 13.8725,
-63.0221

■ 151.0570, 13.2829,
-60.5630

■ 54.4500, 10.6242,
-47.7526

■ 179.2420, 12.6987,
-59.8482

■ 38.4410, 7.6706,
-33.7128

■ 208.1280, 12.2619,
-59.7483

■ 23.6060, 4.1382,
-20.7025

■ 229.2860, 12.6770,
-52.8708

■ 1.0260, 3.9312,
-0.8998

■ 237.9570, 8.4022,
-35.0423

■ 0.0000, 0.0000,
0.0000

■ 246.6280, 4.1274,

-17.2138

■ 89.3860, 17.5577,
-78.3915

■ 93.2730, 15.6414,
-70.3994

■ 97.2740, 14.1619,
-62.5073

■ 100.8620, 12.3930,
-55.1300

■ 104.7490, 10.4767,
-47.1379

■ 108.7500, 8.9973,
-39.2457

■ 112.6370, 7.0810,
-31.2536

■ 116.5240, 5.1647,
-23.2615

■ 120.1120, 3.3958,
-15.8842

■ 124.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



102.7640, -2.3487, -40.1350



89.3860, 17.5577, -78.3915



90.9480, 28.6196, -79.7614

Triad

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



89.3860, 17.5577, -78.3915



116.9580, 17.2757, 12.3148



113.8620, -24.0890, 26.4310

Complementary

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



89.3860, 17.5577, -78.3915



38.6140, -17.5577, 78.3915

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.



114.7740, -17.1436, 38.7862



89.3860, 17.5577, -78.3915



117.5170, 6.1541, 32.8726

Square

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



89.3860, 17.5577, -78.3915



113.1330, 25.0774, -16.7796



116.0700, -5.9505, 42.0346



111.1540, -23.7399, 7.7579

Rectangle

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



89.3860, 17.5577, -78.3915



97.3180, 30.9022, -65.1769



116.0700, -5.9505, 42.0346



114.3510, -22.3580, 31.2642

Sweetspot

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



89.3860, 17.5577, -78.3915



150.9360, 6.9336, -30.6389



76.3320, -37.6317, -63.4352



74.9160, 3.9854, -18.3433



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.



89.3860, 17.5577, -78.3915



115.9100, 22.7224, -101.6531



54.5080, 36.2316, -47.8035



61.9070, 1.0318, -4.3034



0.0000, 0.0000, 0.0000

Inverse Universe

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



38.6140, -17.5577, 78.3915



50.0900, -22.7224, 101.6531



73.4920, -36.2316, 47.8035



59.2070, -0.5951, 4.2035



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 89.3860, 17.5577, -78.3915 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 89.3860, 17.5577, -78.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

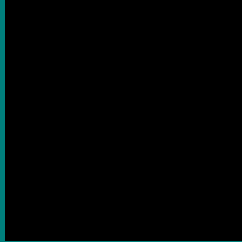
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.3860, 17.5577, -78.3915

Background



This preview shows how black text looks on a background with the YUV color 89.3860, 17.5577, -78.3915.



This preview shows how white text looks on a background with the YUV color 89.3860, 17.5577,

-78.3915.

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

89.3860, 17.5577, -78.3915

Protanopia

113.9400, 1.0156, 0.9296

Deuteranopia

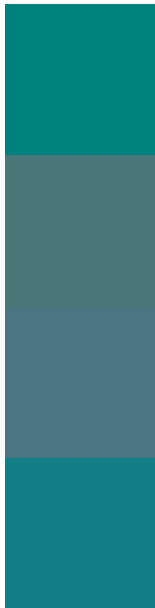
115.1450, 6.8305, 2.5038



Tritanopia

97.3540, 19.5455, -62.5775

Trichromacy



Original Color

89.3860, 17.5577, -78.3915

Protanomaly

104.6590, 7.0701, -27.7649

Deuteranomaly

105.6960, 10.9959, -26.9204

Tritanomaly

94.7940, 18.8356, -68.2253

Monochromacy



Original Color

89.3860, 17.5577, -78.3915

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.1320, 6.3439, -28.1798

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3860, 17.5577, -78.3915 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, 128, 125)` looks like.

```
.text, #text, p{  
    color:rgb(0, 128, 125)  
}
```

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, 128, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 128, 125) }
```

Border

The CSS property to change the border of an element to YUV 89.3860, 17.5577, -78.3915 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, 128, 125) }
```

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

```
.border{ border-color:rgb(0, 128, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 128, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 128, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 128, 125);  
box-shadow:4px 4px 4px 4px rgb(0, 128,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 89.3860, 17.5577, -78.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 128, 125) }
```

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

```
.background{ background-color: rgb(0, 128,  
125) }
```

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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