

Converting Colors

YUV(98.3630, 39.2610,
-86.2644)

Have a look what the booklet for
YUV(98.3630, 39.2610, -86.2644)
contains.

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Color

**YUV(98.3630, 39.2610,
-86.2644)**

Conversions

Conversions Part 1

Format	Color
Hex	0085B2
RGB	0, 133, 178
RGB Percent	0%, 52%, 70%
CMY	1.0000, 0.4784, 0.3020
CMYK	1.00, 0.25, 0.00, 0.30
HSL	195°, 100%, 35%
HSV	195°, 100%, 70%
XYZ	16.4234, 19.9894, 45.1122
YIQ	98.3630, -93.7130, -14.2010

Conversions

Conversions Part 2

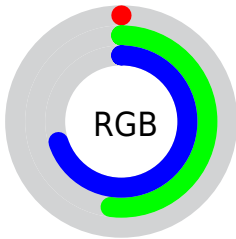
Format	Color
RYB	0, 76, 178
Decimal	34226
CIELab	51.83, -13.86, -32.16
CIELCh	52, 35.018, 246.686
Yxy	19.9894, 0.2015, 0.2452
Android (android.graphics.Color)	4278224306 (0xFF0085B2)
YUV	98.3630, 39.2610, -86.2644
Hunter-Lab	44.7095, -12.6722, -28.5274

Details

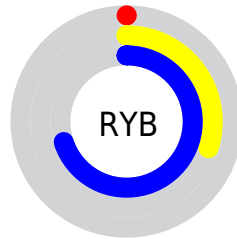
The YUV color **98.3630, 39.2610, -86.2644** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **79.6370, -39.2610, 86.2644**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3660, 34.8226, -62.5880**, and **63.5580, 30.2909, -55.7404** is the 20% darker color. If you saturate the color by 10%, you get **98.3630, 39.2610, -86.2644**, and if you desaturate by 10%, it is **106.6800, 35.1608, -77.7724**.

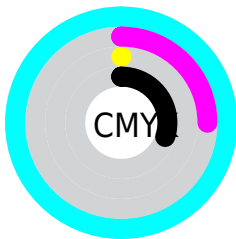
Distribution



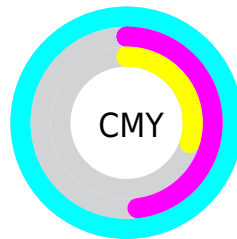
- Red (0%)
- Green (52%)
- Blue (70%)



- Red (0%)
- Yellow (30%)
- Blue (70%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (48%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.3630, 39.2610, -86.2644 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 98.3630, 39.2610, -86.2644 by changing the saturation by 10% instead.

■ 98.3630, 39.2610,
-86.2644

■ 98.3630, 39.2610,
-86.2644

■ 255.0000, 0.0000,
0.0000

■ 80.6100, 34.7023,
-70.6950

■ 163.3660, 34.8226,
-62.5880

■ 63.5580, 30.2909,
-55.7404

■ 191.4650, 31.3228,
-60.0438

■ 46.6200, 26.3163,
-40.8857

■ 216.8710, 18.7976,
-56.0149

■ 31.5570, 21.9104,
-27.6755

■ 233.4720, 10.6133,
-44.2639

■ 15.4340, 18.5200,
-13.5356

■ 242.4420, 6.1911,
-25.8206

■ 4.7080, 12.9620,
-4.1289

■ 251.7110, 1.6215,

■ 0.2280, 0.8736,

-6.7625

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 98.3630, 39.2610,
-86.2644

■ 106.6800, 35.1608,
-77.7724

■ 114.4100, 31.3499,
-68.7656

■ 122.4280, 27.3970,
-60.8884

■ 130.1580, 23.5861,
-51.8816

■ 138.4750, 19.4858,
-43.3896

■ 146.2050, 15.6749,
-34.3828

■ 154.5220, 11.5747,
-25.8908

■ 161.9530, 7.9112,
-17.4988

■ 169.6830, 4.1003,
-8.4920

Harmonies

Analogous

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



99.0180, 29.0781, -86.8388



98.3630, 39.2610, -86.2644



119.9620, 31.0777, -28.0307

Triad

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



98.3630, 39.2610, -86.2644



125.3850, -3.6408, 47.8974



117.0160, -21.2069, -11.4150

Complementary

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



98.3630, 39.2610, -86.2644



79.6370, -39.2610, 86.2644

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.



120.6340, -28.4136, 13.4760



98.3630, 39.2610, -86.2644



124.4160, -17.4601, 46.9932

Square

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



98.3630, 39.2610, -86.2644



126.9670, 10.3693, 34.2319



122.9230, -26.5840, 33.3935



111.1400, -5.9850, -40.4648

Rectangle

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



98.3630, 39.2610, -86.2644



125.0360, 25.6183, -3.5396



122.9230, -26.5840, 33.3935



118.4470, -24.8704, -3.0230

Sweetspot

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



98.3630, 39.2610, -86.2644



200.5040, 15.5275, -33.7680



109.6160, -31.8557, -96.1332



98.5720, 9.0850, -20.6726



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.



98.3630, 39.2610, -86.2644



127.9990, 51.2725, -112.2551



46.7070, 64.7274, -40.9620



85.1350, 1.9054, -4.5034



84.3600, 33.8395, -73.9837



14.1170, 5.8583, -12.3806

Inverse Universe

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



68.3840, 31.8557, 96.1332



89.0900, 41.3676, 125.3321



131.2930, -64.7274, 40.9620



83.4890, 1.7309, 4.8331



58.7430, 27.2417, 82.6634



9.9400, 4.4666, 14.0846

Previews

White Background



This preview shows how the YUV color 98.3630, 39.2610, -86.2644 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 98.3630, 39.2610, -86.2644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

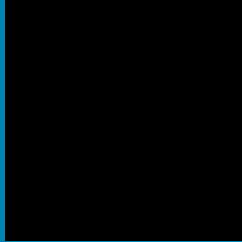
Any Text WCAG AA ✓ Pass

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 98.3630, 39.2610, -86.2644 Background



This preview shows how black text looks on a background with the YUV color 98.3630, 39.2610, -86.2644.

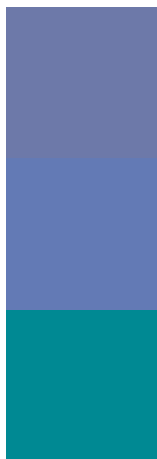


This preview shows how white text looks on a background with the YUV color 98.3630, 39.2610,

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



Protanopia

122.8840, 22.7352, -12.1763

Deuteranopia

121.8490, 29.1614, -20.0386

Tritanopia

97.1770, 24.5627, -85.2242

Trichromacy



Protanomaly

113.6140, 28.7843, -39.1265

Deuteranomaly

113.3190, 32.8737, -44.1298

Tritanomaly

97.8440, 29.6569, -85.8092

Monochromacy



Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1730, 14.2117, -31.7237

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.3630, 39.2610, -86.2644 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, 133, 178)` looks like.

```
.text, #text, p{  
    color:rgb(0, 133, 178)  
}
```

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, 133, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 133, 178) }
```

Border

The CSS property to change the border of an element to YUV 98.3630, 39.2610, -86.2644 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, 133, 178) }
```

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

```
.border{ border-color:rgb(0, 133, 178) }
```

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

Here you see how a box with a 4 pixel rgb(0, 133, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 133, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 133, 178);  
box-shadow:4px 4px 4px 4px rgb(0, 133,  
178) }
```


Background

The CSS property to change the background color of an element to YUV 98.3630, 39.2610, -86.2644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 133, 178) }
```

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

```
.background{ background-color: rgb(0, 133,  
178) }
```

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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