

Converting Colors

YUV(96.9890, 36.4874,
-83.3054)

Have a look what the booklet for
YUV(96.9890, 36.4874, -83.3054)
contains.

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Color

**YUV(96.9890, 36.4874,
-83.3054)**

Conversions

Conversions Part 1

Format	Color
Hex	0283AB
RGB	2, 131, 171
RGB Percent	1%, 51%, 67%
CMY	0.9922, 0.4863, 0.3294
CMYK	0.99, 0.23, 0.00, 0.33
HSL	194°, 98%, 34%
HSV	194°, 99%, 67%
XYZ	15.4920, 19.1858, 41.4148
YIQ	96.9890, -89.7240, -14.9080

Conversions

Conversions Part 2

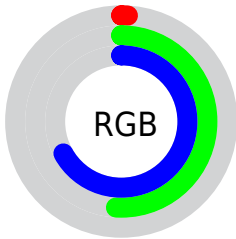
Format	Color
RYB	2, 75, 171
Decimal	164779
CIELab	50.90, -15.25, -29.56
CIELCh	51, 33.262, 242.702
Yxy	19.1858, 0.2036, 0.2521
Android (android.graphics.Color)	4278354859 (0xFF0283AB)
YUV	96.9890, 36.4874, -83.3054
Hunter-Lab	43.8016, -13.5197, -25.3981

Details

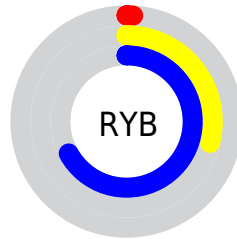
The YUV color **96.9890, 36.4874, -83.3054** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **76.0110, -36.4874, 83.3054**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0950, 32.4912, -61.4733**, and **61.7000, 28.2489, -54.1109** is the 20% darker color. If you saturate the color by 10%, you get **96.3910, 36.7822, -84.5349**, and if you desaturate by 10%, it is **104.4200, 32.8239, -74.9133**.

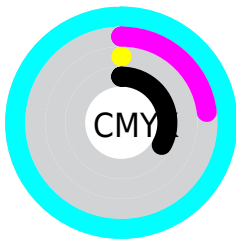
Distribution



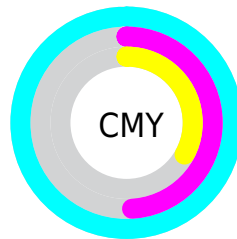
- Red (1%)
- Green (51%)
- Blue (67%)



- Red (1%)
- Yellow (29%)
- Blue (67%)



- Cyan (99%)
- Magenta (23%)
- Yellow (0%)
- Black (33%)



- Cyan (99%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.9890, 36.4874, -83.3054 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 96.9890, 36.4874, -83.3054 by changing the saturation by 10% instead.

■ 96.9890, 36.4874,
-83.3054

■ 96.9890, 36.4874,
-83.3054

■ 255.0000, 0.0000,
0.0000

■ 78.6380, 32.2235,
-68.9655

■ 161.0950, 32.4912,
-61.4733

■ 61.7000, 28.2489,
-54.1109

■ 189.9920, 32.0489,
-59.6290

■ 45.3490, 23.9849,
-39.7711

■ 215.3980, 19.5238,
-55.6000

■ 29.6990, 19.8684,
-26.0460

■ 232.8740, 10.9081,
-45.4935

■ 11.2280, 17.6356,
-9.8470

■ 241.8440, 6.4859,
-27.0502

■ 3.5510, 11.0674,
-3.1142

■ 250.8140, 2.0637,

■ 0.0000, 0.0000,

-8.6069

0.0000

■ 96.9890, 36.4874,
-83.3054

■ 96.9890, 36.4874,
-83.3054

■ 96.3910, 36.7822,
-84.5349

■ 104.4200, 32.8239,
-74.9133

■ 111.8510, 29.1605,
-66.5213

■ 119.2820, 25.4970,
-58.1293

■ 126.7130, 21.8335,
-49.7373

■ 134.4430, 18.0226,
-40.7305

■ 141.8740, 14.3591,
-32.3385

■ 149.3050, 10.6956,
-23.9465

■ 156.7360, 7.0322,
-15.5545

■ 164.1670, 3.3687,
-7.1625

Harmonies

Analogous

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



96.4590, 26.8887, -84.5945



96.9890, 36.4874, -83.3054



116.7120, 30.2150, -31.3194

Triad

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



96.9890, 36.4874, -83.3054



123.2320, -1.5934, 44.5235



115.9240, -21.6545, -7.8263

Complementary

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



96.9890, 36.4874, -83.3054



76.0110, -36.4874, 83.3054

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.



118.6990, -26.9666, 16.0500



96.9890, 36.4874, -83.3054



122.3880, -14.9813, 45.2637

Square

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



96.9890, 36.4874, -83.3054



124.8740, 11.4011, 29.9285



120.5040, -24.4055, 34.6380



110.9020, -8.3327, -34.1171

Rectangle

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



96.9890, 36.4874, -83.3054



121.9000, 25.1923, -6.9283



120.5040, -24.4055, 34.6380



116.6970, -24.0076, 0.2657

Sweetspot

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



96.9890, 36.4874, -83.3054



192.5750, 14.5065, -32.9533



105.6490, -31.8720, -90.9002



94.7570, 8.5008, -19.9579



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



96.9890, 36.4874, -83.3054



124.5110, 48.0621, -109.1961



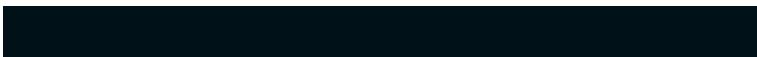
47.6810, 60.7963, -40.0622



83.1350, 1.9054, -4.5034



84.6050, 32.2397, -74.1986



13.1880, 4.8373, -11.5659

Inverse Universe

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



67.2370, 31.4352, 91.0002



85.6440, 41.0945, 119.5842



125.3190, -60.7963, 40.0622



81.4890, 1.7309, 4.8331



57.9600, 28.1207, 80.7191



8.9290, 4.4720, 12.3403

Previews

White Background



This preview shows how the YUV color 96.9890, 36.4874, -83.3054 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 96.9890, 36.4874, -83.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

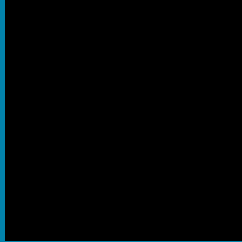
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 96.9890, 36.4874, -83.3054

Background



This preview shows how black text looks on a background with the YUV color 96.9890, 36.4874, -83.3054.

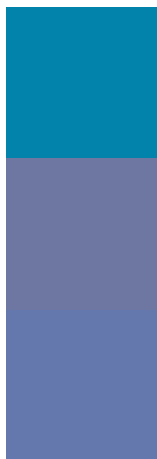


This preview shows how white text looks on a background with the YUV color 96.9890, 36.4874, -83.3054.

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

96.9890, 36.4874, -83.3054

Protanopia

120.9120, 20.2564, -10.4468

Deuteranopia

120.1760, 26.5352, -17.6944



Tritanopia

95.1880, 24.5573, -83.4799

Trichromacy



Original Color

96.9890, 36.4874, -83.3054

Protanomaly

111.9410, 26.1581, -36.7823

Deuteranomaly

111.6460, 30.2475, -41.7855

Tritanomaly

95.9260, 28.6305, -83.2501

Monochromacy



Original Color

96.9890, 36.4874, -83.3054

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.6570, 13.4801, -30.3942

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9890, 36.4874, -83.3054 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(2, 131, 171)` looks like.

```
.text, #text, p{  
    color:rgb(2, 131, 171)  
}
```

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(2, 131, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 131, 171) }
```

Border

The CSS property to change the border of an element to YUV 96.9890, 36.4874, -83.3054 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(2, 131, 171) }
```


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

```
.border{ border-color:rgb(2, 131, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 131, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 131, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 131, 171);  
box-shadow:4px 4px 4px 4px rgb(2, 131,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 96.9890, 36.4874, -83.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 131, 171) }
```

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

```
.background{ background-color: rgb(2, 131,  
171) }
```

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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