

Converting Colors

YUV(101.2310, 26.0151,
-84.3946)

Have a look what the booklet for
YUV(101.2310, 26.0151, -84.3946)
contains.

YUV(101.2310, 26.0151, -84.3946)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(101.2310, 26.0151,
-84.3946)**

Conversions

Conversions Part 1

Format	Color
Hex	058C9A
RGB	5, 140, 154
RGB Percent	2%, 55%, 60%
CMY	0.9804, 0.4510, 0.3961
CMYK	0.97, 0.09, 0.00, 0.40
HSL	186°, 94%, 31%
HSV	186°, 97%, 60%
XYZ	15.2734, 21.1215, 33.8437
YIQ	101.2310, -84.9540, -24.2660

Conversions

Conversions Part 2

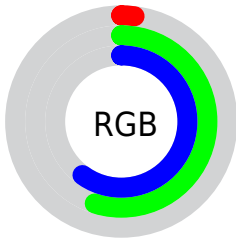
Format	Color
RYB	5, 76, 154
Decimal	363674
CIELab	53.08, -25.94, -16.37
CIELCh	53, 30.670, 212.261
Yxy	21.1215, 0.2175, 0.3007
Android (android.graphics.Color)	4278553754 (0xFF058C9A)
YUV	101.2310, 26.0151, -84.3946
Hunter-Lab	45.9582, -21.1054, -11.4906

Details

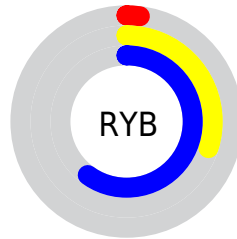
The YUV color **101.2310, 26.0151, -84.3946** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **57.7690, -26.0151, 84.3946**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.5000, 21.4455, -65.3365**, and **63.9850, 19.2344, -56.1148** is the 20% darker color. If you saturate the color by 10%, you get **99.7360, 26.7522, -87.4685**, and if you desaturate by 10%, it is **106.3030, 23.5146, -75.6877**.

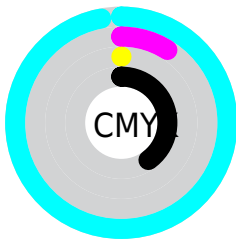
Distribution



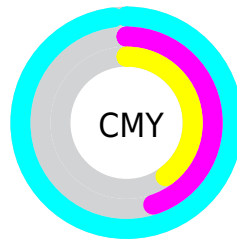
- Red (2%)
- Green (55%)
- Blue (60%)



- Red (2%)
- Yellow (30%)
- Blue (60%)



- Cyan (97%)
- Magenta (9%)
- Yellow (0%)
- Black (40%)



- Cyan (98%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.2310, 26.0151, -84.3946 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 101.2310, 26.0151, -84.3946 by changing the saturation by 10% instead.

101.2310, 26.0151,
-84.3946

101.2310, 26.0151,
-84.3946

255.0000, 0.0000,
0.0000

81.5100, 22.9196,
-71.4843

164.5000, 21.4455,
-65.3365

63.9850, 19.2344,
-56.1148

193.2120, 21.5875,
-64.2069

47.7480, 15.4072,
-41.8750

220.9580, 16.7827,
-63.1072

31.6250, 12.0169,
-27.7351

232.2760, 11.2029,
-46.7231

15.7300, 9.5001,
-13.7952

240.9470, 6.9281,
-28.8945

1.2540, 4.8048,
-1.0998

249.9170, 2.5059,

0.0000, 0.0000,

-10.4512

0.0000

■ 101.2310, 26.0151,
-84.3946

■ 101.2310, 26.0151,
-84.3946

■ 99.7360, 26.7522,
-87.4685

■ 106.3030, 23.5146,
-75.6877

■ 112.2610, 20.5773,
-66.8809

■ 117.3330, 18.0768,
-58.1740

■ 123.2910, 15.1395,
-49.3672

■ 128.3630, 12.6390,
-40.6604

■ 134.0220, 9.8492,
-32.4683

■ 139.3930, 7.2013,
-23.1467

■ 145.0520, 4.4114,
-14.9546

■ 150.4230, 1.7635,
-5.6330

Harmonies

Analogous

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



111.1130, 8.3253, -57.1041



101.2310, 26.0151, -84.3946



112.4110, 29.8704, -60.8734

Triad

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



101.2310, 26.0151, -84.3946



130.3360, 10.6804, 27.7693



124.7420, -25.5088, 15.1353

Complementary

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



101.2310, 26.0151, -84.3946



57.7690, -26.0151, 84.3946

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.



126.9490, -22.6529, 32.4937



101.2310, 26.0151, -84.3946



129.5090, -1.7299, 41.6496

Square

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



101.2310, 26.0151, -84.3946



128.8150, 20.7972, 2.7932



128.3060, -13.9549, 42.7046



121.9780, -20.2022, -6.9967

Rectangle

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



101.2310, 26.0151, -84.3946



120.0270, 29.0737, -38.6117



128.3060, -13.9549, 42.7046



125.4870, -25.3831, 21.4979

Sweetspot

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



101.2310, 26.0151, -84.3946



180.7230, 9.9966, -33.0831



93.8310, -37.8777, -77.9048



89.4750, 6.1748, -20.5876



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.



101.2310, 26.0151, -84.3946



130.3350, 34.8378, -114.3038



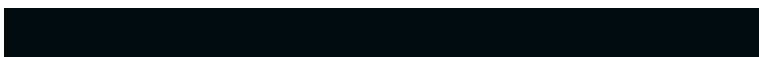
58.3800, 47.1407, -46.8143



74.0210, 1.4686, -4.4034



90.5090, 24.3991, -79.3764



8.5260, 2.2057, -7.4773

Inverse Universe

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



64.9410, 37.0041, 78.1047



80.9610, 50.3052, 105.2742



100.6200, -47.1407, 46.8143



72.1900, 1.8783, 4.2184



56.3380, 34.8364, 73.3716



5.2550, 3.3253, 6.7924

Previews

White Background



This preview shows how the YUV color 101.2310, 26.0151, -84.3946 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 101.2310, 26.0151, -84.3946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

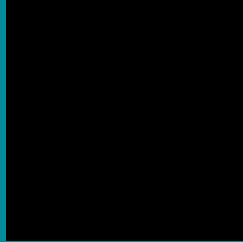
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 101.2310, 26.0151, -84.3946

Background



This preview shows how black text looks on a background with the YUV color 101.2310, 26.0151, -84.3946.

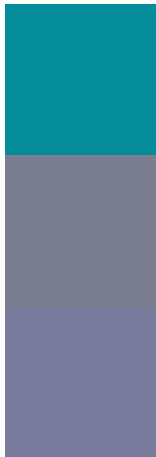


This preview shows how white text looks on a background with the YUV color 101.2310, 26.0151, -84.3946.

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

101.2310, 26.0151, -84.3946

Protanopia

126.5680, 8.5940, -3.1291

Deuteranopia

127.2780, 15.1459, -4.6288



Tritanopia

99.5080, 25.8786, -87.2685

Trichromacy



Original Color

101.2310, 26.0151, -84.3946

Protanomaly

117.1020, 15.2327, -32.5385

Deuteranomaly

117.8290, 19.3113, -34.0530

Tritanomaly

100.2200, 26.0205, -86.1389

Monochromacy



Original Color

101.2310, 26.0151, -84.3946

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9190, 9.4069, -30.6240

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.2310, 26.0151, -84.3946 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(5, 140, 154)` looks like.

```
.text, #text, p{  
    color:rgb(5, 140, 154)  
}
```

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(5, 140, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 140, 154) }
```

Border

The CSS property to change the border of an element to YUV 101.2310, 26.0151, -84.3946 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(5, 140, 154) }
```


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

```
.border{ border-color:rgb(5, 140, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 140, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 140, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 140, 154);  
box-shadow:4px 4px 4px 4px rgb(5, 140,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 101.2310, 26.0151, -84.3946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 140, 154) }
```

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

```
.background{ background-color: rgb(5, 140,  
154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor