

Converting Colors

YUV(103.9270, 23.7000,
-88.5130)

Have a look what the booklet for
YUV(103.9270, 23.7000, -88.5130)
contains.

YUV(103.9270, 23.7000, -88.5130)	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(103.9270, 23.7000,
-88.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	039298
RGB	3, 146, 152
RGB Percent	1%, 57%, 60%
CMY	0.9882, 0.4275, 0.4039
CMYK	0.98, 0.04, 0.00, 0.40
HSL	182°, 96%, 30%
HSV	182°, 98%, 60%
XYZ	15.9839, 22.8441, 33.2727
YIQ	103.9270, -87.1540, -28.4500

Conversions

Conversions Part 2

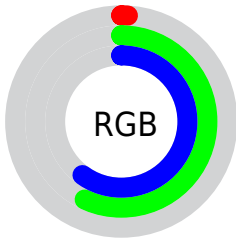
Format	Color
RYB	3, 76, 152
Decimal	234136
CIELab	54.91, -29.67, -12.45
CIELCh	55, 32.175, 202.766
Yxy	22.8441, 0.2217, 0.3168
Android (android.graphics.Color)	4278424216 (0xFF039298)
YUV	103.9270, 23.7000, -88.5130
Hunter-Lab	47.7955, -23.9476, -7.8176

Details

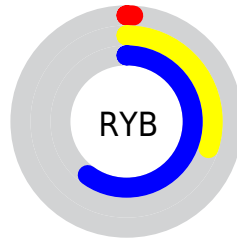
The YUV color **103.9270, 23.7000, -88.5130** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **51.0730, -23.7000, 88.5130**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7940, 18.8356, -68.2253**, and **67.2790, 16.6245, -59.0037** is the 20% darker color. If you saturate the color by 10%, you get **103.0300, 24.1422, -90.3573**, and if you desaturate by 10%, it is **108.9990, 21.1995, -79.8061**.

Distribution



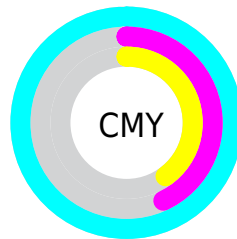
- Red (1%)
- Green (57%)
- Blue (60%)



- Red (1%)
- Yellow (30%)
- Blue (60%)



- Cyan (98%)
- Magenta (4%)
- Yellow (0%)
- Black (40%)



- Cyan (99%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.9270, 23.7000, -88.5130 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 103.9270, 23.7000, -88.5130 by changing the saturation by 10% instead.

■ 103.9270, 23.7000,
-88.5130

■ 103.9270, 23.7000,
-88.5130

■ 255.0000, 0.0000,
0.0000

■ 84.8040, 20.3096,
-74.3731

■ 167.7940, 18.8356,
-68.2253

■ 67.2790, 16.6245,
-59.0037

■ 196.9790, 18.2514,
-67.5106

■ 50.4550, 13.0867,
-44.2490

■ 223.6050, 15.4777,
-64.5516

■ 33.7450, 9.9857,
-29.5944

■ 232.2760, 11.2029,
-46.7231

■ 19.6110, 6.6008,
-17.1988

■ 241.2460, 6.7807,
-28.2797

■ 1.0260, 3.9312,
-0.8998

■ 250.2160, 2.3585,

■ 0.0000, 0.0000,

-9.8364

0.0000

■ 103.9270, 23.7000,
-88.5130

■ 103.9270, 23.7000,
-88.5130

■ 103.0300, 24.1422,
-90.3573

■ 108.9990, 21.1995,
-79.8061

■ 113.4840, 18.9884,
-70.5845

■ 118.8550, 16.3405,
-61.2628

■ 123.3400, 14.1294,
-52.0412

■ 128.4120, 11.6289,
-43.3343

■ 133.4840, 9.1284,
-34.6275

■ 137.9690, 6.9173,
-25.4058

■ 143.3400, 4.2694,
-16.0842

■ 148.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



117.0660, 2.9255, -51.8009



103.9270, 23.7000, -88.5130



109.8710, 32.1086, -78.8169

Triad

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



103.9270, 23.7000, -88.5130



135.3290, 14.6278, 21.6365



129.8570, -26.5515, 22.9274

Complementary

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



103.9270, 23.7000, -88.5130



51.0730, -23.7000, 88.5130

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.



131.9220, -21.6535, 38.6564



103.9270, 23.7000, -88.5130



134.5350, 2.2012, 40.7498

Square

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



103.9270, 23.7000, -88.5130



132.7860, 24.7555, -6.8283



133.1260, -10.9081, 45.4935



127.1100, -23.7182, 0.7805

Rectangle

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



103.9270, 23.7000, -88.5130



120.5090, 31.3011, -53.0664



133.1260, -10.9081, 45.4935



130.4170, -25.8416, 28.5753

Sweetspot

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



103.9270, 23.7000, -88.5130



177.7830, 8.9810, -34.0127



91.0330, -40.9353, -77.2049



88.2470, 5.3012, -20.3876



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



103.9270, 23.7000, -88.5130



132.7000, 31.2069, -116.3779



61.0760, 44.8255, -50.9327



74.0210, 1.4686, -4.4034



95.2050, 22.0839, -83.4948



8.5260, 2.2057, -7.4773

Inverse Universe

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



63.8530, 40.4985, 77.3049



80.0360, 53.2263, 101.7004



93.9240, -44.8255, 50.9327



72.1900, 1.8783, 4.2184



57.2500, 38.3308, 72.5717



5.2550, 3.3253, 6.7924

Previews

White Background



This preview shows how the YUV color 103.9270, 23.7000, -88.5130 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 103.9270, 23.7000, -88.5130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

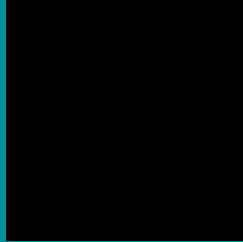
Any Text WCAG AA ✓ Pass

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 103.9270, 23.7000, -88.5130 Background



This preview shows how black text looks on a background with the YUV color 103.9270, 23.7000, -88.5130.



This preview shows how white text looks on a background with the YUV color 103.9270, 23.7000,

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

103.9270, 23.7000, -88.5130

Protanopia

131.3680, 5.2416, -1.1997

Deuteranopia

132.0890, 11.7881, -0.9551



Tritanopia

108.9930, 23.6675, -78.0469

Trichromacy



Original Color

103.9270, 23.7000, -88.5130

Protanomaly

121.5920, 12.0331, -32.9682

Deuteranomaly

122.0310, 16.2537, -33.3532

Tritanomaly

106.9710, 23.6783, -81.5356

Monochromacy



Original Color

103.9270, 23.7000, -88.5130

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.6800, 8.5388, -32.1684

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.9270, 23.7000, -88.5130 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(3, 146, 152)` looks like.

```
.text, #text, p{  
    color:rgb(3, 146, 152)  
}
```

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(3, 146, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 146, 152) }
```

Border

The CSS property to change the border of an element to YUV 103.9270, 23.7000, -88.5130 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(3, 146, 152) }
```


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

```
.border{ border-color:rgb(3, 146, 152) }
```

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

Here you see how a box with a 4 pixel rgb(3, 146, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 146, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 146, 152);  
box-shadow:4px 4px 4px 4px rgb(3, 146,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 103.9270, 23.7000, -88.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 146, 152) }
```

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

```
.background{ background-color: rgb(3, 146,  
152) }
```

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