

# Converting Colors

YUV(118.0080, 40.9151,  
-103.4930)

Have a look what the booklet for  
YUV(118.0080, 40.9151, -103.4930)  
contains.

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# Color

**YUV(118.0080, 40.9151,  
-103.4930)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A2C9
RGB	0, 162, 201
RGB Percent	0%, 64%, 79%
CMY	1.0000, 0.3647, 0.2118
CMYK	1.00, 0.19, 0.00, 0.21
HSL	192°, 100%, 39%
HSV	192°, 100%, 79%
XYZ	23.4629, 30.0577, 59.8234
YIQ	118.0080, -109.0710, -22.2150

# Conversions

## Conversions Part 2

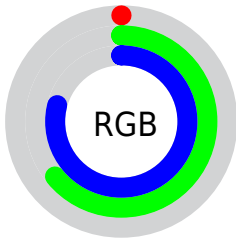
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 90, 201
Decimal	41673
CIELab	61.70, -21.28, -29.84
CIELCh	62, 36.645, 234.506
Yxy	30.0577, 0.2070, 0.2652
Android (android.graphics.Color)	4278231753 (0xFF00A2C9)
YUV	118.0080, 40.9151, -103.4930
Hunter-Lab	54.8249, -19.5525, -26.3182

# Details

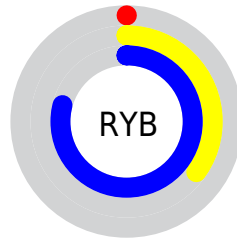
The YUV color **118.0080, 40.9151, -103.4930** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **82.9920, -40.9151, 103.4930**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.3490, 33.8449, -75.7281**, and **81.3280, 32.3763, -71.3247** is the 20% darker color. If you saturate the color by 10%, you get **118.0080, 40.9151, -103.4930**, and if you desaturate by 10%, it is **126.3360, 36.8094, -93.2567**.

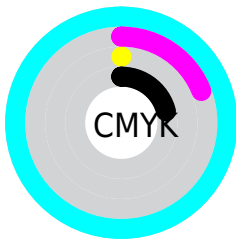
# Distribution



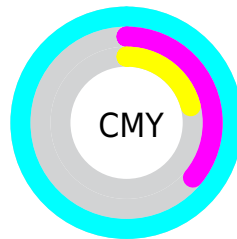
- Red (0%)
- Green (64%)
- Blue (79%)



- Red (0%)
- Yellow (35%)
- Blue (79%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (36%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 118.0080, 40.9151, -103.4930 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 118.0080, 40.9151, -103.4930 by changing the saturation by 10% instead.



■ 118.0080, 40.9151,  
-103.4930

■ 118.0080, 40.9151,  
-103.4930

■ 255.0000, 0.0000,  
0.0000

■ 99.6680, 36.6457,  
-87.4088

■ 186.3490, 33.8449,  
-75.7281

■ 81.3280, 32.3763,  
-71.3247

■ 212.9400, 20.7356,  
-70.9844

■ 64.2760, 27.9649,  
-56.3701

■ 227.4920, 13.5614,  
-56.5595

■ 47.3380, 23.9904,  
-41.5154

■ 236.7610, 8.9918,  
-37.5014

■ 31.6880, 19.8738,  
-27.7904

■ 246.0300, 4.4222,  
-18.4433

■ 14.3910, 17.0622,  
-12.6209

■ 3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,  
0.0000

■ 118.0080, 40.9151,  
-103.4930

■ 126.3360, 36.8094,  
-93.2567

■ 134.6640, 32.7036,  
-83.0203

■ 142.9920, 28.5979,  
-72.7840

■ 151.3200, 24.4922,  
-62.5476

■ 159.9470, 20.2391,  
-51.6965

■ 167.6880, 16.4228,  
-40.9454

■ 176.0160, 12.3171,  
-30.7090

■ 184.3440, 8.2114,  
-20.4727

■ 192.6720, 4.1057,  
-10.2363

# Harmonies

## Analogous

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



117.3920, 28.4007, -102.9528



118.0080, 40.9151, -103.4930



141.2910, 35.3525, -45.8592

# Triad

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



118.0080, 40.9151, -103.4930



152.4650, 1.7428, 47.8272



143.8880, -27.0598, -0.7788

# Complementary

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



118.0080, 40.9151, -103.4930



82.9920, -40.9151, 103.4930

# 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.



147.0160, -31.0669, 24.5420



118.0080, 40.9151, -103.4930



150.8990, -13.2612, 53.5856

# Square

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



118.0080, 40.9151, -103.4930



153.2310, 16.6481, 26.9844



149.5160, -25.8904, 44.2745



139.0290, -14.3113, -29.8434



# Rectangle

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



118.0080, 40.9151, -103.4930



148.4300, 31.3400, -18.7941



149.5160, -25.8904, 44.2745



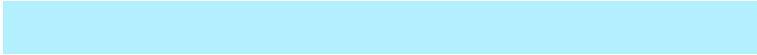
144.9600, -29.5603, 7.9281

# Sweetspot

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



118.0080, 40.9151, -103.4930



223.4710, 15.5438, -39.0011



122.2050, -42.0061, -107.1738



108.9630, 9.3852, -23.6466



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

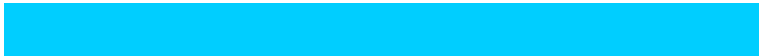


# Same Dimension

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



118.0080, 40.9151, -103.4930



149.9920, 51.7689, -131.5430



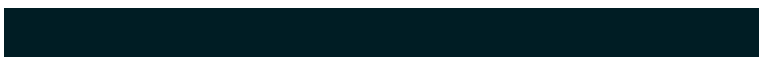
60.4820, 69.2754, -53.0427



95.7220, 1.6161, -5.0182



96.0660, 32.9985, -84.2499



21.1270, 7.3324, -18.5284



# Inverse Universe

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



78.5670, 41.1325, 107.3737



99.7290, 52.3916, 136.1727



140.5180, -69.2754, 53.0427



93.6030, 2.1677, 4.7332



63.7850, 33.6300, 87.0116



14.0700, 7.3605, 19.2326



# Previews

## White Background



This preview shows how the YUV color 118.0080, 40.9151, -103.4930 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

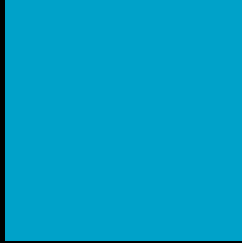
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 118.0080, 40.9151, -103.4930 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

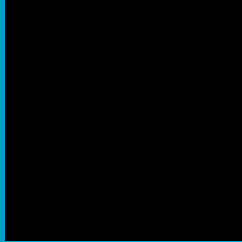
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# **YUV 118.0080, 40.9151, -103.4930 Background**



This preview shows how black text looks on a background with the YUV color 118.0080, 40.9151, -103.4930.



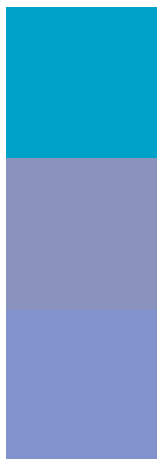
This preview shows how white text looks on a background with the YUV color 118.0080, 40.9151, -103.4930.



# 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

118.0080, 40.9151, -103.4930

### Protanopia

148.9120, 20.2564, -10.4468

### Deuteranopia

147.9420, 28.1296, -15.7351



## Tritanopia

117.1470, 30.0005, -102.7379

# Trichromacy



## Original Color

118.0080, 40.9151, -103.4930

## Protanomaly

137.3530, 27.9270, -44.1596

## Deuteranomaly

137.2970, 32.8846, -47.6185

## Tritanomaly

117.4720, 33.7843, -103.0229

# Monochromacy



## Original Color

118.0080, 40.9151, -103.4930

## Achromatopsia

118.0000, 0.0000, 0.0000

## Achromatomaly

117.9550, 14.8122, -37.6715

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 118.0080, 40.9151, -103.4930 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, 162, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 201)  
}
```

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, 162, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 201) }
```

## Border

The CSS property to change the border of an element to YUV 118.0080, 40.9151, -103.4930 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, 162, 201) }
```



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

```
.border{ border-color:rgb(0, 162, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 162, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 162,  
201) }
```

# Background

The CSS property to change the background color of an element to YUV 118.0080, 40.9151, -103.4930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 201) }
```

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

```
.background{ background-color: rgb(0, 162,  
201) }
```

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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