

Converting Colors

YUV(117.7800, 40.0415,
-103.2931)

Have a look what the booklet for
YUV(117.7800, 40.0415, -103.2931)
contains.

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Color

**YUV(117.7800, 40.0415,
-103.2931)**

Conversions

Conversions Part 1

Format	Color
Hex	00A2C7
RGB	0, 162, 199
RGB Percent	0%, 64%, 78%
CMY	1.0000, 0.3647, 0.2196
CMYK	1.00, 0.19, 0.00, 0.22
HSL	191°, 100%, 39%
HSV	191°, 100%, 78%
XYZ	23.2291, 29.9642, 58.5922
YIQ	117.7800, -108.4290, -22.8370

Conversions

Conversions Part 2

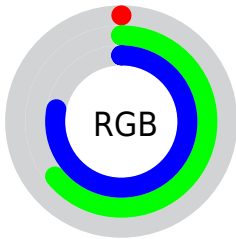
Format	Color
R _Y B	0, 89, 199
Decimal	41671
CIE Lab	61.62, -21.97, -28.84
CIE LCh	62, 36.260, 232.698
Yxy	29.9642, 0.2078, 0.2681
Android (android.graphics.Color)	4278231751 (0xFF00A2C7)
YUV	117.7800, 40.0415, -103.2931
Hunter-Lab	54.7395, -20.0464, -25.1452

Details

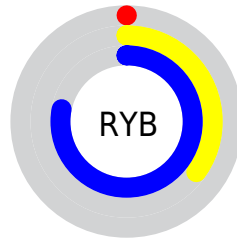
The YUV color **117.7800, 40.0415, -103.2931** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **81.2200, -40.0415, 103.2931**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.3490, 33.8449, -75.7281**, and **81.1000, 31.5027, -71.1247** is the 20% darker color. If you saturate the color by 10%, you get **117.7800, 40.0415, -103.2931**, and if you desaturate by 10%, it is **126.1080, 35.9358, -93.0567**.

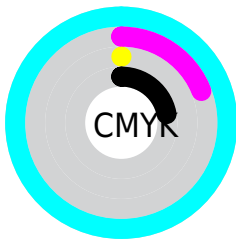
Distribution



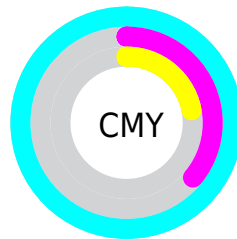
- Red (0%)
- Green (64%)
- Blue (78%)



- Red (0%)
- Yellow (35%)
- Blue (78%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.7800, 40.0415, -103.2931 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 117.7800, 40.0415, -103.2931 by changing the saturation by 10% instead.

■ 117.7800, 40.0415,
-103.2931

■ 117.7800, 40.0415,
-103.2931

■ 255.0000, 0.0000,
0.0000

■ 99.4400, 35.7721,
-87.2089

■ 186.3490, 33.8449,
-75.7281

■ 81.1000, 31.5027,
-71.1247

■ 212.9400, 20.7356,
-70.9844

■ 64.0480, 27.0913,
-56.1701

■ 227.4920, 13.5614,
-56.5595

■ 47.1100, 23.1168,
-41.3155

■ 236.4620, 9.1392,
-38.1162

■ 31.4600, 19.0002,
-27.5904

■ 245.7310, 4.5696,
-19.0581

■ 13.6900, 16.9148,
-12.0061

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 117.7800, 40.0415,
-103.2931

■ 126.1080, 35.9358,
-93.0567

■ 133.8490, 32.1194,
-82.3056

■ 142.1770, 28.0137,
-72.0692

■ 150.5050, 23.9080,
-61.8329

■ 158.8330, 19.8023,
-51.5965

■ 166.2750, 16.1334,
-41.4602

■ 174.6030, 12.0277,
-31.2238

■ 182.9310, 7.9220,
-20.9875

■ 190.6720, 4.1057,
-10.2363

Harmonies

Analogous

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



117.0500, 27.0904, -102.6529



117.7800, 40.0415, -103.2931



140.2800, 35.3580, -47.6036

Triad

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



117.7800, 40.0415, -103.2931



152.0950, 2.9112, 46.3977



143.7850, -27.5020, 1.0656

Complementary

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



117.7800, 40.0415, -103.2931



81.2200, -40.0415, 103.2931

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.



147.1410, -30.6355, 26.1863



117.7800, 40.0415, -103.2931



150.8280, -12.2402, 52.7708

Square

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



117.7800, 40.0415, -103.2931



153.3340, 17.0903, 25.1401



149.1570, -24.7274, 44.5893



139.8120, -15.1903, -27.8991

Rectangle

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



117.7800, 40.0415, -103.2931



147.4190, 31.3454, -20.5385



149.1570, -24.7274, 44.5893



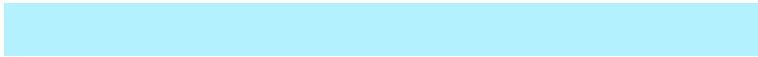
144.9710, -29.5657, 9.6724

Sweetspot

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



117.7800, 40.0415, -103.2931



224.0580, 15.2544, -39.5159



120.9170, -41.8641, -106.0442



108.9630, 9.3852, -23.6466



0.0000, 0.0000, 0.0000



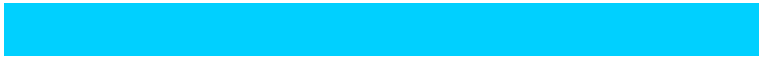
128.0000, 0.0000, 0.0000

Same Dimension

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



117.7800, 40.0415, -103.2931



151.1660, 51.1902, -132.5726



59.6670, 68.6912, -52.3280



95.7220, 1.6161, -5.0182



96.6530, 32.7091, -84.7647



21.1270, 7.3324, -18.5284

Inverse Universe

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



77.9690, 41.4273, 106.1442



99.9570, 53.2652, 135.9727



139.3330, -68.6912, 52.3280



93.6030, 2.1677, 4.7332



63.8990, 34.0668, 86.9116



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 117.7800, 40.0415, -103.2931 looks on a white background.

Color Contrast Check

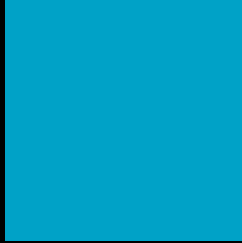
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.7800, 40.0415, -103.2931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

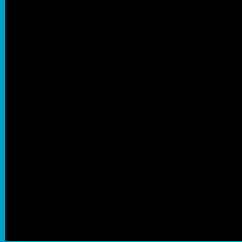
Any Text WCAG AA ✓ Pass

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 117.7800, 40.0415, -103.2931 Background



This preview shows how black text looks on a background with the YUV color 117.7800, 40.0415, -103.2931.



This preview shows how white text looks on a background with the YUV color 117.7800, 40.0415, -103.2931.

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

148.3960, 19.5248, -9.1173

Deuteranopia

148.0130, 27.1086, -14.9204

Tritanopia

117.0330, 29.5637, -102.6379

Trichromacy



Protanomaly

137.4240, 26.9060, -43.3448

Deuteranomaly

137.0690, 32.0110, -47.4185

Tritanomaly

117.3580, 33.3475, -102.9230

Monochromacy



Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.8410, 14.3754, -37.5716

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7800, 40.0415, -103.2931 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 199) }
```

Border

The CSS property to change the border of an element to YUV 117.7800, 40.0415, -103.2931 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, 199) }
```

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

```
.border{ border-color:rgb(0, 162, 199) }
```

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, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 199);  
box-shadow:4px 4px 4px 4px rgb(0, 162,  
199) }
```


Background

The CSS property to change the background color of an element to YUV 117.7800, 40.0415, -103.2931 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, 199) }
```

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

```
.background{ background-color: rgb(0, 162,  
199) }
```

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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