

Converting Colors

YUV(116.6230, 38.1469,
-102.2784)

Have a look what the booklet for
YUV(116.6230, 38.1469, -102.2784)
contains.

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Color

**YUV(116.6230, 38.1469,
-102.2784)**

Conversions

Conversions Part 1

Format	Color
Hex	00A1C2
RGB	0, 161, 194
RGB Percent	0%, 63%, 76%
CMY	1.0000, 0.3686, 0.2392
CMYK	1.00, 0.17, 0.00, 0.24
HSL	190°, 100%, 38%
HSV	190°, 100%, 76%
XYZ	22.4825, 29.3848, 55.5258
YIQ	116.6230, -106.5490, -23.8690

Conversions

Conversions Part 2

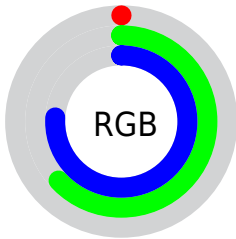
Format	Color
R _{YB}	0, 88, 194
Decimal	41410
CIE _{Lab}	61.12, -23.19, -26.82
CIE _{LCh}	61, 35.457, 229.154
Y _{xy}	29.3848, 0.2093, 0.2736
Android (android.graphics.Color)	4278231490 (0xFF00A1C2)
YUV	116.6230, 38.1469, -102.2784
Hunter-Lab	54.2077, -20.8313, -22.7863

Details

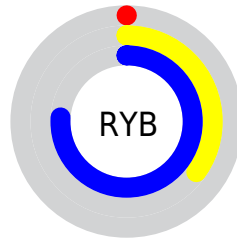
The YUV color **116.6230, 38.1469, -102.2784** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **77.3770, -38.1469, 102.2784**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.0070, 32.5345, -75.4281**, and **79.9430, 29.6081, -70.1100** is the 20% darker color. If you saturate the color by 10%, you get **116.6230, 38.1469, -102.2784**, and if you desaturate by 10%, it is **124.0650, 34.4780, -92.1420**.

Distribution



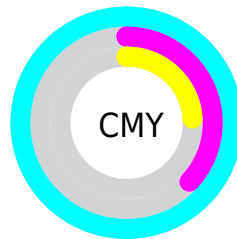
- Red (0%)
- Green (63%)
- Blue (76%)



- Red (0%)
- Yellow (35%)
- Blue (76%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (37%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.6230, 38.1469, -102.2784 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 116.6230, 38.1469, -102.2784 by changing the saturation by 10% instead.

■ 116.6230, 38.1469,
-102.2784

■ 116.6230, 38.1469,
-102.2784

255.0000, 0.0000,
0.0000

■ 98.2830, 33.8775,
-86.1942

■ 185.0070, 32.5345,
-75.4281

■ 79.9430, 29.6081,
-70.1100

■ 212.0540, 21.1724,
-71.0844

■ 63.0050, 25.6335,
-55.2554

■ 226.8940, 13.8563,
-57.7890

■ 46.0670, 21.6590,
-40.4008

■ 236.1630, 9.2866,
-38.7310

■ 30.4170, 17.5424,
-26.6757

■ 245.4320, 4.7170,
-19.6729

■ 11.4730, 16.0358,
-10.0618

254.4020, 0.2948,

■ 3.2090, 9.7570,

-1.2296

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 116.6230, 38.1469,
-102.2784

■ 124.0650, 34.4780,
-92.1420

■ 132.3930, 30.3723,
-81.9057

■ 139.8350, 26.7033,
-71.7693

■ 147.5760, 22.8870,
-61.0182

■ 155.0180, 19.2181,
-50.8818

■ 163.0470, 15.2598,
-41.2602

■ 170.7880, 11.4435,
-30.5091

■ 178.2300, 7.7746,
-20.3727

■ 186.5580, 3.6689,
-10.1364

Harmonies

Analogous

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



116.5020, 24.8955, -98.6643



116.6230, 38.1469, -102.2784



138.1440, 34.9320, -50.9923

Triad

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



116.6230, 38.1469, -102.2784



151.1270, 4.3744, 43.7386



143.3940, -27.8022, 4.0395

Complementary

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



116.6230, 38.1469, -102.2784



77.3770, -38.1469, 102.2784

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.



146.3800, -29.7673, 27.7307



116.6230, 38.1469, -102.2784



149.9850, -10.3456, 51.7562

Square

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



116.6230, 38.1469, -102.2784



151.6540, 18.4116, 21.3514



148.2110, -23.2750, 45.4190



138.7910, -16.6590, -23.4957

Rectangle

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



116.6230, 38.1469, -102.2784



145.0980, 31.5037, -24.6419



148.2110, -23.2750, 45.4190



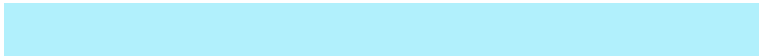
144.3950, -29.2817, 11.9316

Sweetspot

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



116.6230, 38.1469, -102.2784



222.5310, 14.5282, -39.9307



117.5260, -42.1643, -103.0703



109.5500, 9.0959, -24.1613



0.0000, 0.0000, 0.0000



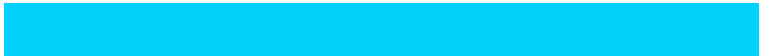
128.0000, 0.0000, 0.0000

Same Dimension

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



116.6230, 38.1469, -102.2784



151.9980, 49.3010, -133.3022



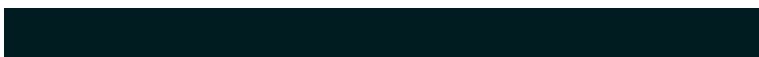
60.2710, 65.9284, -52.8577



92.8360, 2.0529, -5.1182



96.4250, 31.8355, -84.5647



20.1980, 6.3114, -17.7136

Inverse Universe

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



76.3600, 41.7275, 103.1703



99.2880, 54.5810, 133.9284



133.7290, -65.9284, 52.8577



90.9020, 2.0203, 5.3479



63.3010, 34.3616, 85.6820



13.0590, 7.3659, 17.4883

Previews

White Background



This preview shows how the YUV color 116.6230, 38.1469, -102.2784 looks on a white background.

Color Contrast Check

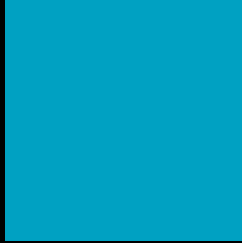
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.6230, 38.1469, -102.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

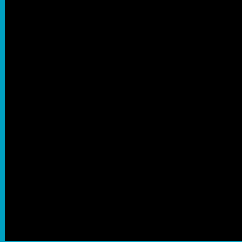
Any Text WCAG AA ✓ Pass

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 116.6230, 38.1469, -102.2784 Background



This preview shows how black text looks on a background with the YUV color 116.6230, 38.1469, -102.2784.



This preview shows how white text looks on a background with the YUV color 116.6230, 38.1469, -102.2784.

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

147.2390, 17.6302, -8.1026

Deuteranopia

147.1550, 25.0666, -13.2909

Tritanopia

115.7450, 29.7057, -101.5084

Trichromacy



Protanomaly

136.2670, 25.0114, -42.3302

Deuteranomaly

136.2110, 29.9690, -45.7890

Tritanomaly

115.9560, 33.0527, -101.6934

Monochromacy



Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.7270, 13.9386, -37.4716

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.6230, 38.1469, -102.2784 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, 161, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 194)  
}
```

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, 161, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 194) }
```

Border

The CSS property to change the border of an element to YUV 116.6230, 38.1469, -102.2784 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, 161, 194) }
```

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

```
.border{ border-color:rgb(0, 161, 194) }
```

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

Here you see how a box with a 4 pixel rgb(0, 161, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 161,  
194) }
```


Background

The CSS property to change the background color of an element to YUV 116.6230, 38.1469, -102.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 161, 194) }
```

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

```
.background{ background-color: rgb(0, 161,  
194) }
```

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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