

Converting Colors

YUV(116.3830, 21.9962,
-102.0679)

Have a look what the booklet for
YUV(116.3830, 21.9962, -102.0679)
contains.

| | |
|--|----|
| YUV(116.3830, 21.9962, -102.0679) | 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> | 30 |

Color

**YUV(116.3830, 21.9962,
-102.0679)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00A7A1 |
| RGB | 0, 167, 161 |
| RGB Percent | 0%, 65%, 63% |
| CMY | 1.0000, 0.3451, 0.3686 |
| CMYK | 1.00, 0.00, 0.04, 0.35 |
| HSL | 178°, 100%, 33% |
| HSV | 178°, 100%, 65% |
| XYZ | 20.2517, 30.2106, 38.4821 |
| YIQ | 116.3830, -97.6060, -37.2700 |

Conversions

Conversions Part 2

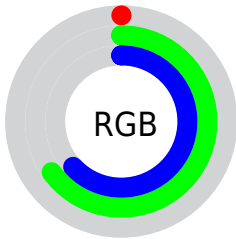
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 85, 167 |
| Decimal | 42913 |
| CIELab | 61.84, -36.86, -7.21 |
| CIElCh | 62, 37.558, 191.060 |
| Yxy | 30.2106, 0.2277, 0.3397 |
| Android (android.graphics.Color) | 4278232993 (0xFF00A7A1) |
| YUV | 116.3830, 21.9962, -102.0679 |
| Hunter-Lab | 54.9642, -30.4185, -3.0357 |

Details

The YUV color **116.3830, 21.9962, -102.0679** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **50.6170, -21.9962, 102.0679**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.6310, 15.9579, -78.6064**, and **79.4580, 15.0572, -69.6847** is the 20% darker color. If you saturate the color by 10%, you get **116.3830, 21.9962, -102.0679**, and if you desaturate by 10%, it is **121.5800, 19.9271, -91.7167**.

Distribution



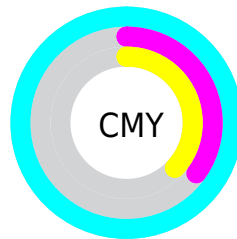
- Red (0%)
- Green (65%)
- Blue (63%)



- Red (0%)
- Yellow (33%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.3830, 21.9962, -102.0679 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 116.3830, 21.9962, -102.0679 by changing the saturation by 10% instead.

■ 116.3830, 21.9962,
-102.0679

■ 116.3830, 21.9962,
-102.0679

■ 255.0000, 0.0000,
0.0000

■ 97.5700, 18.4530,
-85.5689

■ 183.6310, 15.9579,
-78.6064

■ 79.4580, 15.0572,
-69.6847

■ 213.4140, 15.0789,
-76.6621

■ 61.9330, 11.3720,
-54.3152

■ 225.3990, 14.5933,
-60.8629

■ 45.2230, 8.2711,
-39.6606

■ 234.3690, 10.1711,
-42.4196

■ 29.2140, 5.3175,
-25.6207

■ 243.3390, 5.7489,
-23.9763

■ 10.0250, 5.4107,
-8.7919

■ 252.6080, 1.1793,

■ 0.0000, 0.0000,

-4.9182

0.0000

■ 116.3830, 21.9962,
-102.0679

■ 121.5800, 19.9271,
-91.7167

■ 126.3640, 17.5685,
-81.8802

■ 131.5610, 15.4994,
-71.5290

■ 136.6440, 12.9935,
-61.0778

■ 141.5420, 11.0718,
-51.3413

■ 146.7390, 9.0027,
-40.9901

■ 151.8220, 6.4968,
-30.5389

■ 157.0190, 4.4276,
-20.1877

■ 161.8030, 2.0691,
-10.3512

Harmonies

Analogous

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



134.9540, -3.9213, -49.0717



116.3830, 21.9962, -102.0679



118.7430, 36.1157, -104.1376

Triad

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



116.3830, 21.9962, -102.0679



153.1630, 23.0906, 13.8890



148.6090, -30.3732, 35.4229

Complementary

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



116.3830, 21.9962, -102.0679



50.6170, -21.9962, 102.0679

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.



150.1130, -21.2547, 50.7669



116.3830, 21.9962, -102.0679



153.6690, 9.0372, 41.5093

Square

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



116.3830, 21.9962, -102.0679



147.7390, 32.6667, -24.3271



151.6200, -6.7147, 53.8303



145.6400, -30.8815, 11.7167

Rectangle

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



116.3830, 21.9962, -102.0679



123.7860, 41.0245, -91.8973



151.6200, -6.7147, 53.8303



148.9240, -28.0635, 41.2857

Sweetspot

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



116.3830, 21.9962, -102.0679



197.2230, 8.2711, -39.6606



100.4210, -49.5076, -81.0532



97.8120, 5.0227, -24.3911



237.0000, 0.0000, 0.0000



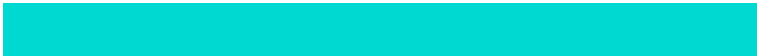
110.0000, 0.0000, 0.0000

Same Dimension

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



116.3830, 21.9962, -102.0679



151.2050, 28.4929, -132.6068



73.0420, 46.3213, -64.0578



81.6080, 1.1793, -4.9182



103.1780, 19.6322, -90.4871



14.0200, 2.9481, -12.2955

Inverse Universe

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



50.6170, -21.9962, 102.0679



65.7950, -28.4929, 132.6068



93.9580, -46.3213, 64.0578



78.3920, -1.1793, 4.9182



44.8220, -19.6322, 90.4871



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 116.3830, 21.9962, -102.0679 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 116.3830, 21.9962, -102.0679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

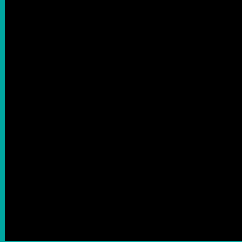
Any Text WCAG AA ✓ Pass

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 116.3830, 21.9962, -102.0679 Background



This preview shows how black text looks on a background with the YUV color 116.3830, 21.9962, -102.0679.



This preview shows how white text looks on a background with the YUV color 116.3830, 21.9962, -102.0679.

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

149.1250, 0.4314, 1.6444

Deuteranopia

150.3840, 7.6987, 4.0482

Tritanopia

127.0250, 25.1307, -80.7059

Trichromacy



Protanomaly

137.2450, 8.2602, -36.1719

Deuteranomaly

138.1080, 12.7648, -34.2977

Tritanomaly

123.0410, 24.1368, -88.6130

Monochromacy



Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.4190, 7.6814, -37.2015

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.3830, 21.9962, -102.0679 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, 167, 161)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 161)  
}
```

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, 167, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 161) }
```

Border

The CSS property to change the border of an element to YUV 116.3830, 21.9962, -102.0679 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, 167, 161) }
```

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

```
.border{ border-color:rgb(0, 167, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 167, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 161);  
box-shadow:4px 4px 4px 4px rgb(0, 167,  
161) }
```


Background

The CSS property to change the background color of an element to YUV 116.3830, 21.9962, -102.0679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 161) }
```

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

```
.background{ background-color: rgb(0, 167,  
161) }
```

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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