

Converting Colors

YUV(116.1090, 10.7923,
-101.8276)

Have a look what the booklet for
YUV(116.1090, 10.7923, -101.8276)
contains.

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Color

**YUV(116.1090, 10.7923,
-101.8276)**

Conversions

Conversions Part 1

Format	Color
Hex	00AB8A
RGB	0, 171, 138
RGB Percent	0%, 67%, 54%
CMY	1.0000, 0.3294, 0.4588
CMYK	1.00, 0.00, 0.19, 0.33
HSL	168°, 100%, 34%
HSV	168°, 100%, 67%
XYZ	19.1504, 30.9608, 29.0115
YIQ	116.1090, -91.3230, -46.5150

Conversions

Conversions Part 2

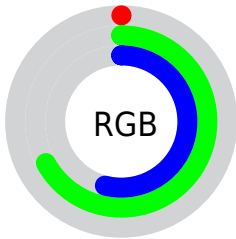
Format	Color
RYB	0, 95, 171
Decimal	43914
CIELab	62.47, -45.13, 6.60
CIELCh	62, 45.610, 171.674
Yxy	30.9608, 0.2420, 0.3913
Android (android.graphics.Color)	4278233994 (0xFF00AB8A)
YUV	116.1090, 10.7923, -101.8276
Hunter-Lab	55.6424, -35.9402, 8.0364

Details

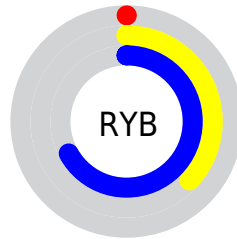
The YUV color **116.1090, 10.7923, -101.8276** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **54.8910, -10.7923, 101.8276**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.8300, 4.0278, -78.7809**, and **79.2980, 4.2901, -69.5443** is the 20% darker color. If you saturate the color by 10%, you get **116.1090, 10.7923, -101.8276**, and if you desaturate by 10%, it is **121.5340, 9.5967, -91.6763**.

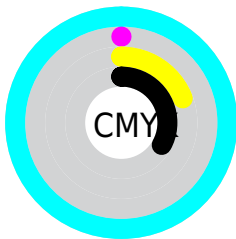
Distribution



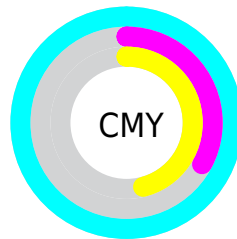
- Red (0%)
- Green (67%)
- Blue (54%)



- Red (0%)
- Yellow (37%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.1090, 10.7923, -101.8276 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 116.1090, 10.7923, -101.8276 by changing the saturation by 10% instead.

■ 116.1090, 10.7923,
-101.8276

■ 116.1090, 10.7923,
-101.8276

■ 255.0000, 0.0000,
0.0000

■ 97.4100, 7.6859,
-85.4286

■ 182.8300, 4.0278,
-78.7809

■ 79.2980, 4.2901,
-69.5443

■ 211.7270, 3.5856,
-76.9366

■ 61.4140, 1.7679,
-53.8601

■ 224.0030, 11.8305,
-61.3926

■ 44.2310, -0.6069,
-38.7906

■ 233.7710, 10.4659,
-43.6492

■ 28.9230, -3.4130,
-25.3655

■ 242.7410, 6.0437,
-25.2059

■ 9.3920, -4.6303,
-8.2368

■ 252.0100, 1.4741,

■ 0.0000, 0.0000,

-6.1478

0.0000

■ 116.1090, 10.7923,
-101.8276

■ 121.5340, 9.5967,
-91.6763

■ 127.0730, 8.8380,
-81.6250

■ 132.4980, 7.6425,
-71.4737

■ 137.9230, 6.4470,
-61.3225

■ 143.3480, 5.2514,
-51.1712

■ 149.1860, 4.3453,
-40.5051

■ 154.6110, 3.1498,
-30.3538

■ 160.0360, 1.9543,
-20.2026

■ 165.5750, 1.1955,
-10.1513

Harmonies

Analogous

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



138.0300, -19.2418, -35.1063



116.1090, 10.7923, -101.8276



120.8970, 29.1378, -106.0267

Triad

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



116.1090, 10.7923, -101.8276



151.5430, 36.7073, -13.6312



150.4420, -30.2909, 55.7404

Complementary

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



116.1090, 10.7923, -101.8276



54.8910, -10.7923, 101.8276

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.



151.7480, -14.1728, 65.9960



116.1090, 10.7923, -101.8276



155.5610, 22.8944, 30.2030

Square

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



116.1090, 10.7923, -101.8276



132.5240, 48.5487, -78.5125



153.7420, 5.0572, 58.1083



148.2960, -39.0929, 32.1894

Rectangle

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



116.1090, 10.7923, -101.8276



122.4590, 40.1997, -107.3965



153.7420, 5.0572, 58.1083



151.0280, -25.6498, 60.4884

Sweetspot

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



116.1090, 10.7923, -101.8276



200.4850, 4.1979, -39.8903



110.5430, -54.4977, -67.1282



99.1280, 2.4019, -23.7913



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



116.1090, 10.7923, -101.8276



150.7200, 13.9420, -132.1814



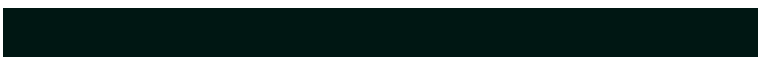
89.9340, 39.9655, -78.8721



84.0810, 0.4531, -5.3330



101.8440, 9.4439, -89.3172



15.6670, 1.6432, -13.7400

Inverse Universe

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



54.8910, -10.7923, 101.8276



71.2800, -13.9420, 132.1814



81.0660, -39.9655, 78.8721



80.9190, -0.4531, 5.3330



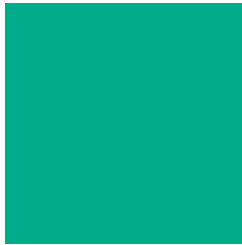
48.1560, -9.4439, 89.3172



7.3330, -1.6432, 13.7400

Previews

White Background



This preview shows how the YUV color 116.1090, 10.7923, -101.8276 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 116.1090, 10.7923, -101.8276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

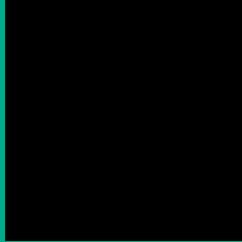
Any Text WCAG AA ✓ Pass

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 116.1090, 10.7923, -101.8276 Background



This preview shows how black text looks on a background with the YUV color 116.1090, 10.7923, -101.8276.



This preview shows how white text looks on a background with the YUV color 116.1090, 10.7923, -101.8276.

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

149.7700, -11.2256, 7.2177

Deuteranopia

151.4640, -3.6798, 13.6251

Tritanopia

132.5100, 22.9196, -71.4843

Trichromacy



Protanomaly

137.8790, -3.3913, -32.3429

Deuteranomaly

138.2800, 1.8340, -28.3096

Tritanomaly

126.2930, 18.5896, -82.6950

Monochromacy



Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0940, 3.8977, -36.9164

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.1090, 10.7923, -101.8276 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, 171, 138)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 138)  
}
```

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, 171, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 138) }
```

Border

The CSS property to change the border of an element to YUV 116.1090, 10.7923, -101.8276 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, 171, 138) }
```

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

```
.border{ border-color:rgb(0, 171, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 171, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 138);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
138) }
```


Background

The CSS property to change the background color of an element to YUV 116.1090, 10.7923, -101.8276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 171, 138) }
```

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

```
.background{ background-color: rgb(0, 171,  
138) }
```

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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