

Converting Colors

YUV(115.7330, 14.4286,
-101.4978)

Have a look what the booklet for
YUV(115.7330, 14.4286, -101.4978)
contains.

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Color

**YUV(115.7330, 14.4286,
-101.4978)**

Conversions

Conversions Part 1

Format	Color
Hex	00A991
RGB	0, 169, 145
RGB Percent	0%, 66%, 57%
CMY	1.0000, 0.3373, 0.4314
CMYK	1.00, 0.00, 0.14, 0.34
HSL	171°, 100%, 33%
HSV	171°, 100%, 66%
XYZ	19.2988, 30.4203, 31.6426
YIQ	115.7330, -93.0200, -43.2920

Conversions

Conversions Part 2

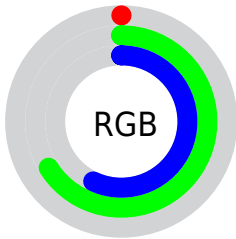
Format	Color
RYB	0, 91, 169
Decimal	43409
CIELab	62.02, -42.39, 2.03
CIElCh	62, 42.443, 177.253
Yxy	30.4203, 0.2372, 0.3739
Android (android.graphics.Color)	4278233489 (0xFF00A991)
YUV	115.7330, 14.4286, -101.4978
Hunter-Lab	55.1546, -34.0626, 4.5931

Details

The YUV color **115.7330, 14.4286, -101.4978** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **53.2670, -14.4286, 101.4978**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.5680, 8.1010, -78.5511**, and **78.9220, 7.9265, -69.2146** is the 20% darker color. If you saturate the color by 10%, you get **115.7330, 14.4286, -101.4978**, and if you desaturate by 10%, it is **121.0440, 12.7963, -91.2466**.

Distribution



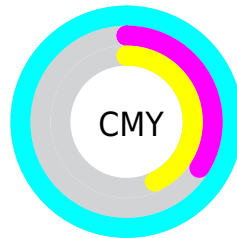
- Red (0%)
- Green (66%)
- Blue (57%)



- Red (0%)
- Yellow (36%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.7330, 14.4286, -101.4978 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 115.7330, 14.4286, -101.4978 by changing the saturation by 10% instead.

■ 115.7330, 14.4286,
-101.4978

■ 115.7330, 14.4286,
-101.4978

■ 255.0000, 0.0000,
0.0000

■ 96.9200, 10.8854,
-84.9988

■ 182.5680, 8.1010,
-78.5511

■ 78.9220, 7.9265,
-69.2146

■ 212.0520, 7.3694,
-77.2216

■ 60.9240, 4.9675,
-53.4303

■ 224.8010, 14.8881,
-62.0925

■ 44.3280, 2.3033,
-38.8757

■ 233.7710, 10.4659,
-43.6492

■ 29.0200, -0.5029,
-25.4505

■ 242.7410, 6.0437,
-25.2059

■ 8.4460, -3.1779,
-7.4071

■ 252.0100, 1.4741,

■ 0.0000, 0.0000,

-6.1478

0.0000

■ 115.7330, 14.4286,
-101.4978

■ 121.0440, 12.7963,
-91.2466

■ 126.4690, 11.6008,
-81.0953

■ 131.7800, 9.9685,
-70.8441

■ 137.2050, 8.7729,
-60.6928

■ 142.2170, 7.2880,
-51.0563

■ 147.5280, 5.6557,
-40.8051

■ 152.9530, 4.4602,
-30.6538

■ 158.2640, 2.8278,
-20.4025

■ 163.6890, 1.6323,
-10.2513

Harmonies

Analogous

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



136.6750, -14.1368, -39.1800



115.7330, 14.4286, -101.4978



120.0650, 31.0270, -105.2970

Triad

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



115.7330, 14.4286, -101.4978



151.7570, 32.1648, -3.2949



149.2840, -30.7060, 48.8629

Complementary

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



115.7330, 14.4286, -101.4978



53.2670, -14.4286, 101.4978

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.



150.7320, -16.6299, 60.7480



115.7330, 14.4286, -101.4978



154.0300, 18.2262, 34.1767

Square

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



115.7330, 14.4286, -101.4978



139.9570, 41.9262, -54.3363



152.7050, 1.1314, 57.2637



147.2350, -36.5979, 25.2269

Rectangle

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



115.7330, 14.4286, -101.4978



120.6980, 41.0679, -105.8521



152.7050, 1.1314, 57.2637



150.0550, -26.6491, 54.3258

Sweetspot

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



115.7330, 14.4286, -101.4978



198.5390, 5.6503, -39.0607



106.6780, -52.5923, -71.6316



97.3560, 3.2755, -23.9912



237.0000, 0.0000, 0.0000



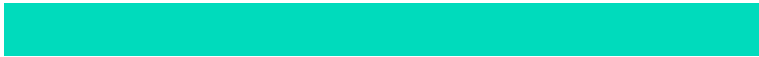
110.0000, 0.0000, 0.0000

Same Dimension

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



115.7330, 14.4286, -101.4978



149.9850, 18.7414, -131.5368



83.8360, 41.9859, -73.5242



81.4940, 0.7425, -4.8182



101.3540, 12.6435, -88.8875



13.7920, 2.0745, -12.0956

Inverse Universe

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



53.2670, -14.4286, 101.4978



69.0150, -18.7414, 131.5368



85.1640, -41.9859, 73.5242



78.5060, -0.7425, 4.8182



46.6460, -12.6435, 88.8875



6.3220, -1.6377, 11.9956

Previews

White Background



This preview shows how the YUV color 115.7330, 14.4286, -101.4978 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 115.7330, 14.4286, -101.4978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

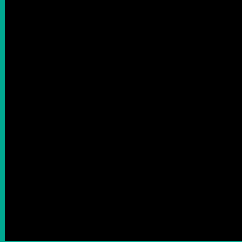
Any Text WCAG AA ✓ Pass

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 115.7330, 14.4286, -101.4978 Background



This preview shows how black text looks on a background with the YUV color 115.7330, 14.4286, -101.4978.

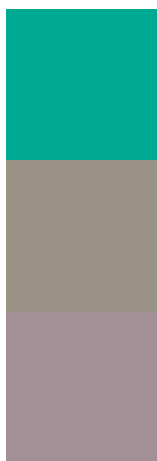


This preview shows how white text looks on a background with the YUV color 115.7330, 14.4286, -101.4978.

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

115.7330, 14.4286, -101.4978

Protanopia

148.4970, -7.1470, 5.7031

Deuteranopia

150.3650, -0.1799, 11.0809



Tritanopia

130.6130, 23.3618, -73.3286

Trichromacy



Original Color

115.7330, 14.4286, -101.4978

Protanomaly

136.9050, 0.5398, -33.2427

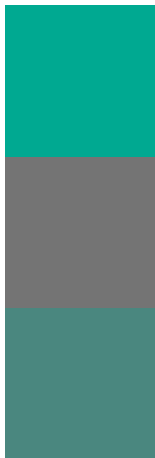
Deuteranomaly

137.7790, 5.0390, -29.6242

Tritanomaly

125.3360, 20.0474, -83.6097

Monochromacy



Original Color

115.7330, 14.4286, -101.4978

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.8490, 5.4974, -36.7016

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.7330, 14.4286, -101.4978 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, 169, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 169, 145)  
}
```

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, 169, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 169, 145) }
```

Border

The CSS property to change the border of an element to YUV 115.7330, 14.4286, -101.4978 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, 169, 145) }
```


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

```
.border{ border-color:rgb(0, 169, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 169, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 169, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 169, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 169,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 115.7330, 14.4286, -101.4978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 169, 145) }
```

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

```
.background{ background-color: rgb(0, 169,  
145) }
```

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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