

Converting Colors

YUV(115.7620, 27.2323,
-101.5233)

Have a look what the booklet for
YUV(115.7620, 27.2323, -101.5233)
contains.

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Color

**YUV(115.7620, 27.2323,
-101.5233)**

Conversions

Conversions Part 1

Format	Color
Hex	00A4AB
RGB	0, 164, 171
RGB Percent	0%, 64%, 67%
CMY	1.0000, 0.3569, 0.3294
CMYK	1.00, 0.04, 0.00, 0.33
HSL	182°, 100%, 34%
HSV	182°, 100%, 67%
XYZ	20.6261, 29.4912, 43.1333
YIQ	115.7620, -99.9910, -32.5910

Conversions

Conversions Part 2

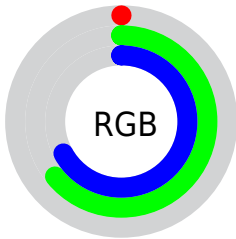
Format	Color
RYB	0, 84, 171
Decimal	42155
CIELab	61.21, -32.35, -13.76
CIELCh	61, 35.152, 203.046
Yxy	29.4912, 0.2212, 0.3163
Android (android.graphics.Color)	4278232235 (0xFF00A4AB)
YUV	115.7620, 27.2323, -101.5233
Hunter-Lab	54.3058, -27.2382, -9.0781

Details

The YUV color **115.7620, 27.2323, -101.5233** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **55.2380, -27.2323, 101.5233**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.7220, 21.3361, -76.9322**, and **79.3100, 19.5672, -69.5549** is the 20% darker color. If you saturate the color by 10%, you get **115.7620, 27.2323, -101.5233**, and if you desaturate by 10%, it is **121.4320, 24.4370, -91.5869**.

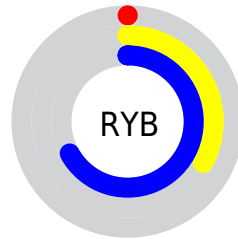
Distribution



Red (0%)

Green (64%)

Blue (67%)



Red (0%)

Yellow (33%)

Blue (67%)

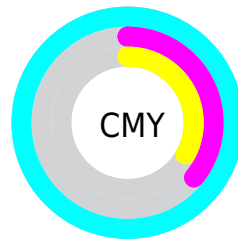


Cyan (100%)

Magenta (4%)

Yellow (0%)

Black (33%)



Cyan (100%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.7620, 27.2323, -101.5233 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 115.7620, 27.2323, -101.5233 by changing the saturation by 10% instead.

■ 115.7620, 27.2323,
-101.5233

■ 115.7620, 27.2323,
-101.5233

■ 255.0000, 0.0000,
0.0000

■ 96.8350, 23.2523,
-84.9243

■ 182.7220, 21.3361,
-76.9322

■ 79.3100, 19.5672,
-69.5549

■ 212.6190, 20.8938,
-75.0879

■ 61.7850, 15.8820,
-54.1854

■ 225.6980, 14.4459,
-60.2481

■ 45.0750, 12.7810,
-39.5308

■ 234.6680, 10.0237,
-41.8048

■ 29.5390, 9.1013,
-25.9057

■ 243.6380, 5.6015,
-23.3615

■ 9.0620, 9.3364,
-7.9474

■ 252.9070, 1.0318,

■ 0.0000, 0.0000,

-4.3034

0.0000

■ 115.7620, 27.2323,
-101.5233

■ 121.4320, 24.4370,
-91.5869

■ 126.5150, 21.9311,
-81.1357

■ 132.1850, 19.1358,
-71.1992

■ 137.8550, 16.3405,
-61.2628

■ 142.9380, 13.8346,
-50.8116

■ 148.9070, 10.8918,
-40.2604

■ 154.5770, 8.0965,
-30.3240

■ 160.2470, 5.3012,
-20.3876

■ 165.3300, 2.7953,
-9.9364

Harmonies

Analogous

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



131.5490, 3.6733, -58.3635



115.7620, 27.2323, -101.5233



123.2550, 36.3563, -87.9236

Triad

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



115.7620, 27.2323, -101.5233



151.8070, 16.3641, 24.7253



146.0700, -29.6145, 25.3716

Complementary

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



115.7620, 27.2323, -101.5233



55.2380, -27.2323, 101.5233

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.



148.2600, -24.2852, 42.7450



115.7620, 27.2323, -101.5233



151.2690, 2.3324, 45.3681

Square

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



115.7620, 27.2323, -101.5233



148.8830, 27.6657, -6.9134



149.8170, -12.2348, 51.0265



143.0130, -26.6284, 0.8656

Rectangle

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



115.7620, 27.2323, -101.5233



135.8010, 35.1011, -58.5845



149.8170, -12.2348, 51.0265



146.9290, -29.0520, 31.6343

Sweetspot

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



115.7620, 27.2323, -101.5233



200.2060, 10.7444, -39.6457



101.0610, -46.8651, -88.6305



99.4530, 6.1857, -24.0763



240.0000, 0.0000, 0.0000



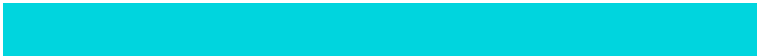
112.0000, 0.0000, 0.0000

Same Dimension

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



115.7620, 27.2323, -101.5233



150.3390, 35.3289, -131.8473



66.4540, 51.5412, -58.2802



83.7220, 1.6161, -5.0182



101.6280, 23.8474, -89.1278



15.5360, 3.6798, -13.6251

Inverse Universe

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



69.8250, 46.4283, 88.7305



90.6600, 60.3136, 115.1852



104.5460, -51.5412, 58.2802



81.6030, 2.1677, 4.7332



61.2660, 40.7879, 77.8197



9.3850, 6.2192, 11.9404

Previews

White Background



This preview shows how the YUV color 115.7620, 27.2323, -101.5233 looks on a white background.

Color Contrast Check

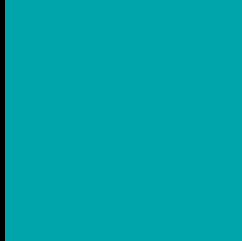
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.7620, 27.2323, -101.5233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

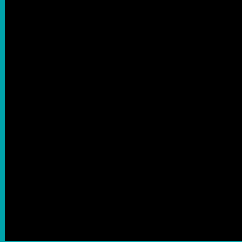
Any Text WCAG AA ✓ Pass

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 115.7620, 27.2323, -101.5233 Background



This preview shows how black text looks on a background with the YUV color 115.7620, 27.2323, -101.5233.



This preview shows how white text looks on a background with the YUV color 115.7620, 27.2323, -101.5233.

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

147.4820, 5.6784, -1.2997

Deuteranopia

148.5450, 13.5353, -1.3550

Tritanopia

122.0240, 26.6102, -88.5980

Trichromacy



Protanomaly

136.2000, 13.2124, -37.8864

Deuteranomaly

136.5790, 18.4486, -37.3418

Tritanomaly

119.4040, 26.9158, -93.3163

Monochromacy



Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.7010, 10.0074, -36.5718

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.7620, 27.2323, -101.5233 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, 164, 171)` looks like.

```
.text, #text, p{  
    color:rgb(0, 164, 171)  
}
```

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, 164, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 164, 171) }
```

Border

The CSS property to change the border of an element to YUV 115.7620, 27.2323, -101.5233 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, 164, 171) }
```

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

```
.border{ border-color:rgb(0, 164, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 164, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 164, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 164, 171);  
box-shadow:4px 4px 4px 4px rgb(0, 164,  
171) }
```


Background

The CSS property to change the background color of an element to YUV 115.7620, 27.2323, -101.5233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 164, 171) }
```

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

```
.background{ background-color: rgb(0, 164,  
171) }
```

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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