

Converting Colors

YUV(103.3430, 12.6489,
-90.6318)

Have a look what the booklet for
YUV(103.3430, 12.6489, -90.6318)
contains.

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Color

**YUV(103.3430, 12.6489,
-90.6318)**

Conversions

Conversions Part 1

Format	Color
Hex	009781
RGB	0, 151, 129
RGB Percent	0%, 59%, 51%
CMY	1.0000, 0.4078, 0.4941
CMYK	1.00, 0.00, 0.15, 0.41
HSL	171°, 100%, 30%
HSV	171°, 100%, 59%
XYZ	15.0291, 23.7182, 24.5548
YIQ	103.3430, -82.9340, -38.8540

Conversions

Conversions Part 2

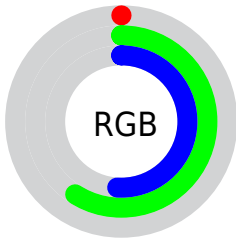
Format	Color
RYB	0, 81, 151
Decimal	38785
CIELab	55.80, -39.13, 2.06
CIELCh	56, 39.181, 176.980
Yxy	23.7182, 0.2374, 0.3747
Android (android.graphics.Color)	4278228865 (0xFF009781)
YUV	103.3430, 12.6489, -90.6318
Hunter-Lab	48.7013, -30.1429, 4.1974

Details

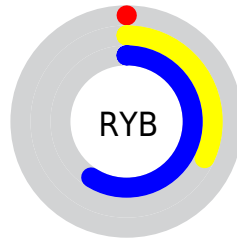
The YUV color **103.3430, 12.6489, -90.6318** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **47.6570, -12.6489, 90.6318**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9820, 6.9109, -70.1442**, and **67.2330, 6.2941, -58.9633** is the 20% darker color. If you saturate the color by 10%, you get **103.3430, 12.6489, -90.6318**, and if you desaturate by 10%, it is **108.0560, 11.3114, -81.6101**.

Distribution



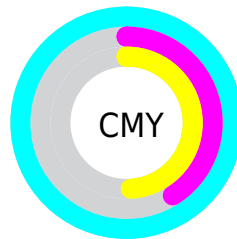
- Red (0%)
- Green (59%)
- Blue (51%)



- Red (0%)
- Yellow (32%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)




- Cyan (100%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.3430, 12.6489, -90.6318 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 103.3430, 12.6489, -90.6318 by changing the saturation by 10% instead.

 103.3430, 12.6489,
-90.6318

 103.3430, 12.6489,
-90.6318


255.0000, 0.0000,
0.0000

 85.2310, 9.2531,
-74.7476


 167.9820, 6.9109,
-70.1442

 67.2330, 6.2941,
-58.9633


 197.0530, 5.8899,
-69.3295

 49.9360, 3.4826,
-43.7939

 220.7700, 8.4944,
-64.6963

 34.0410, 0.9658,
-29.8540

 231.3790, 11.6452,
-48.5674

 18.6190, -2.2772,
-16.3289

 240.3490, 7.2229,
-30.1241

 0.0000, 0.0000,
0.0000

 249.3190, 2.8007,

-11.6808

■ 103.3430, 12.6489,
-90.6318

■ 108.0560, 11.3114,
-81.6101

■ 112.7690, 9.9739,
-72.5884

■ 117.5960, 9.0732,
-63.6667

■ 122.3090, 7.7357,
-54.6450

■ 127.3210, 6.2507,
-45.0085

■ 132.0340, 4.9132,
-35.9868

■ 136.7470, 3.5757,
-26.9651

■ 141.5740, 2.6750,
-18.0434

■ 146.2870, 1.3375,
-9.0217

Harmonies

Analogous

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



122.2240, -13.4214, -35.2764



103.3430, 12.6489, -90.6318



107.2190, 27.5000, -94.0311

Triad

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



103.3430, 12.6489, -90.6318



135.2470, 28.9652, -3.7246



133.0600, -27.6376, 44.6744

Complementary

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



103.3430, 12.6489, -90.6318



47.6570, -12.6489, 90.6318

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.



134.2690, -14.4296, 55.0151



103.3430, 12.6489, -90.6318



137.5520, 16.4899, 31.0879

Square

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



103.3430, 12.6489, -90.6318



124.2520, 37.8368, -49.3330



136.3730, 1.2951, 51.4159



131.1360, -33.0980, 22.6827

Rectangle

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



103.3430, 12.6489, -90.6318



108.3250, 36.8148, -95.0010



136.3730, 1.2951, 51.4159



133.4180, -23.8701, 49.6224

Sweetspot

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



103.3430, 12.6489, -90.6318



177.4470, 5.2026, -35.4720



95.5140, -47.0884, -63.5948



87.9650, 2.9753, -21.0173



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



103.3430, 12.6489, -90.6318



134.2040, 16.6614, -117.6969



74.7400, 37.5962, -65.5470



74.3800, 0.3057, -4.7183



95.8600, 11.9010, -84.0692



8.8850, 1.0427, -7.7921

Inverse Universe

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



47.6570, -12.6489, 90.6318



61.9100, -16.2246, 117.5969



76.2600, -37.5962, 65.5470



71.5060, -0.7425, 4.8182



44.1400, -11.9010, 84.0692



4.1150, -1.0427, 7.7921

Previews

White Background



This preview shows how the YUV color 103.3430, 12.6489, -90.6318 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 103.3430, 12.6489, -90.6318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

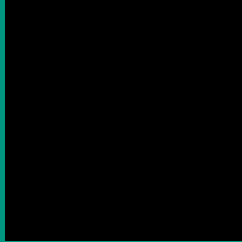
Any Text WCAG AA ✓ Pass

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 103.3430, 12.6489, -90.6318 Background



This preview shows how black text looks on a background with the YUV color 103.3430, 12.6489, -90.6318.

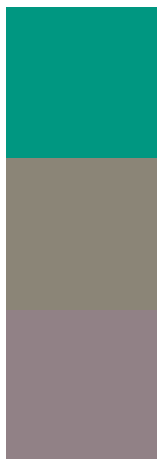


This preview shows how white text looks on a background with the YUV color 103.3430, 12.6489, -90.6318.

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

103.3430, 12.6489, -90.6318

Protanopia

133.1980, -6.9996, 5.0884

Deuteranopia

134.3540, -0.1745, 9.3365



Tritanopia

116.9730, 20.7193, -65.7513

Trichromacy



Original Color

103.3430, 12.6489, -90.6318

Protanomaly

122.5140, 0.2396, -30.2688

Deuteranomaly

122.9750, 4.4493, -27.1651

Tritanomaly

111.8210, 17.8362, -74.3880

Monochromacy



Original Color

103.3430, 12.6489, -90.6318

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9420, 4.4656, -32.3981

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3430, 12.6489, -90.6318 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, 151, 129)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 129)  
}
```

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, 151, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 129) }
```

Border

The CSS property to change the border of an element to YUV 103.3430, 12.6489, -90.6318 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, 151, 129) }
```


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

```
.border{ border-color:rgb(0, 151, 129) }
```

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

Here you see how a box with a 4 pixel rgb(0, 151, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 129);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 103.3430, 12.6489, -90.6318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 129) }
```

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

```
.background{ background-color: rgb(0, 151,  
129) }
```

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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