

Converting Colors

YUV(101.8950, 2.0238,
-89.3619)

Have a look what the booklet for
YUV(101.8950, 2.0238, -89.3619)
contains.

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Color

**YUV(101.8950, 2.0238,
-89.3619)**

Conversions

Conversions Part 1

Format	Color
Hex	00996A
RGB	0, 153, 106
RGB Percent	0%, 60%, 42%
CMY	1.0000, 0.4000, 0.5843
CMYK	1.00, 0.00, 0.31, 0.40
HSL	162°, 100%, 30%
HSV	162°, 100%, 60%
XYZ	13.9928, 23.8231, 17.4965
YIQ	101.8950, -76.1010, -47.0530

Conversions

Conversions Part 2

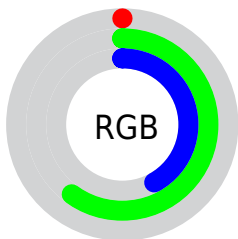
Format	Color
RYB	0, 90, 153
Decimal	39274
CIELab	55.91, -45.95, 15.25
CIELCh	56, 48.410, 161.638
Yxy	23.8231, 0.2530, 0.4307
Android (android.graphics.Color)	4278229354 (0xFF00996A)
YUV	101.8950, 2.0238, -89.3619
Hunter-Lab	48.8089, -34.2424, 12.9126

Details

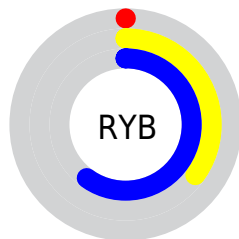
The YUV color **101.8950, 2.0238, -89.3619** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **51.1050, -2.0238, 89.3619**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0070, -4.4405, -69.2891**, and **65.8990, -3.8942, -57.7934** is the 20% darker color. If you saturate the color by 10%, you get **101.8950, 2.0238, -89.3619**, and if you desaturate by 10%, it is **106.9500, 1.9967, -80.6401**.

Distribution



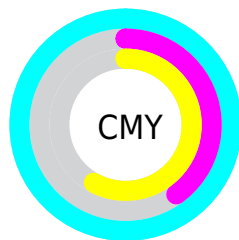
- Red (0%)
- Green (60%)
- Blue (42%)



- Red (0%)
- Yellow (35%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (40%)





- Cyan (100%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 101.8950, 2.0238, -89.3619 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 101.8950, 2.0238, -89.3619 by changing the saturation by 10% instead.


 101.8950, 2.0238,
-89.3619

 101.8950, 2.0238,
-89.3619


255.0000, 0.0000,
0.0000

 83.3100, -0.6458,
-73.0629


 166.0070, -4.4405,
-69.2891

 65.8990, -3.8942,
-57.7934


 195.0780, -5.4615,
-68.4744

 48.8300, -5.8322,
-42.8239

 217.5070, -2.7150,
-62.7116

 32.3480, -8.0596,
-28.3692

 229.4840, 5.6774,
-47.7825

 17.0230, -8.3923,
-14.9292

 240.0500, 7.3704,
-30.7388

 0.0000, 0.0000,
0.0000

 249.0200, 2.9481,

-12.2955

■ 101.8950, 2.0238,
-89.3619

■ 106.9500, 1.9967,
-80.6401

■ 112.1900, 1.3853,
-71.2036

■ 117.2450, 1.3582,
-62.4819

■ 122.3000, 1.3311,
-53.7601

■ 127.6540, 1.1566,
-44.4236

■ 132.5950, 0.6927,
-35.6018

■ 137.6500, 0.6656,
-26.8800

■ 142.7050, 0.6384,
-18.1583

■ 147.9450, 0.0271,
-8.7218

Harmonies

Analogous

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



122.7450, -26.9893, -23.4554



101.8950, 2.0238, -89.3619



108.0850, 20.6641, -94.7905

Triad

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



101.8950, 2.0238, -89.3619



129.0070, 42.8875, -35.9631



132.9250, -26.0920, 62.3328

Complementary

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



101.8950, 2.0238, -89.3619



51.1050, -2.0238, 89.3619

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.



133.8930, -7.3422, 68.4998



101.8950, 2.0238, -89.3619



137.7920, 29.1895, 17.7224

Square

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



101.8950, 2.0238, -89.3619



109.9840, 50.7869, -96.4560



136.5440, 12.0568, 53.0199



131.0630, -38.9781, 42.0407

Rectangle

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



101.8950, 2.0238, -89.3619



110.5760, 32.7470, -96.9752



136.5440, 12.0568, 53.0199



132.8530, -20.1405, 66.7809

Sweetspot

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



101.8950, 2.0238, -89.3619



179.0080, 0.9821, -35.0870



104.1630, -51.3524, -49.2550



87.2810, 0.3545, -20.4174



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.



101.8950, 2.0238, -89.3619



132.5450, 2.6893, -116.2420



90.8170, 30.6562, -79.6465



74.2660, -0.1311, -4.6183



93.2380, 1.8547, -81.7697



8.6570, 0.1691, -7.5922

Inverse Universe

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



51.1050, -2.0238, 89.3619



66.4550, -2.6893, 116.2420



62.1830, -30.6562, 79.6465



71.6200, -0.3057, 4.7183



46.7620, -1.8547, 81.7697



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 101.8950, 2.0238, -89.3619 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 101.8950, 2.0238, -89.3619 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 101.8950, 2.0238, -89.3619

Background



This preview shows how black text looks on a background with the YUV color 101.8950, 2.0238, -89.3619.



This preview shows how white text looks on a background with the YUV color 101.8950, 2.0238,

-89.3619.

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

101.8950, 2.0238, -89.3619

Protanopia

131.8860, -17.1988, 9.7470

Deuteranopia

133.9500, -10.8213, 17.5839



Tritanopia

119.2620, 19.0978, -58.9888

Trichromacy



Original Color

101.8950, 2.0238, -89.3619



Protanomaly

120.7890, -10.2490, -26.1250



Deuteranomaly

122.2610, -6.0447, -21.2769



Tritanomaly

113.1760, 12.7312, -70.3144

Monochromacy



Original Color

101.8950, 2.0238, -89.3619



Achromatopsia

102.0000, 0.0000, 0.0000



Achromatomaly

102.2040, 0.3924, -32.6279

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.8950, 2.0238, -89.3619 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, 153, 106)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 106)  
}
```

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, 153, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 106) }
```

Border

The CSS property to change the border of an element to YUV 101.8950, 2.0238, -89.3619 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, 153, 106) }
```


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

```
.border{ border-color:rgb(0, 153, 106) }
```

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

Here you see how a box with a 4 pixel rgb(0, 153, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 106);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 101.8950, 2.0238, -89.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 106) }
```

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

```
.background{ background-color: rgb(0, 153,  
106) }
```

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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