

Converting Colors

YUV(109.8850, -2.9013,
-96.3691)

Have a look what the booklet for
YUV(109.8850, -2.9013, -96.3691)
contains.

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Color

**YUV(109.8850, -2.9013,
-96.3691)**

Conversions

Conversions Part 1

Format	Color
Hex	00A768
RGB	0, 167, 104
RGB Percent	0%, 65%, 41%
CMY	1.0000, 0.3451, 0.5922
CMYK	1.00, 0.00, 0.38, 0.35
HSL	157°, 100%, 33%
HSV	157°, 100%, 65%
XYZ	16.3174, 28.6369, 17.7642
YIQ	109.8850, -79.3090, -54.9970

Conversions

Conversions Part 2

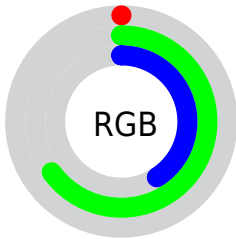
Format	Color
RYB	0, 103, 167
Decimal	42856
CIELab	60.46, -51.68, 22.54
CIELCh	60, 56.380, 156.432
Yxy	28.6369, 0.2602, 0.4566
Android (android.graphics.Color)	4278232936 (0xFF00A768)
YUV	109.8850, -2.9013, -96.3691
Hunter-Lab	53.5135, -39.2201, 17.7777

Details

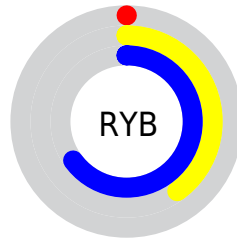
The YUV color **109.8850, -2.9013, -96.3691** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **57.1150, 2.9013, 96.3691**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.8940, -9.8077, -74.4520**, and **73.3020, -8.5299, -64.2859** is the 20% darker color. If you saturate the color by 10%, you get **109.8850, -2.9013, -96.3691**, and if you desaturate by 10%, it is **115.6520, -2.7864, -86.5178**.

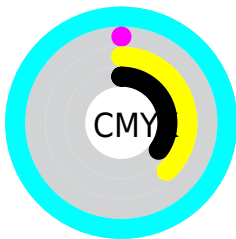
Distribution



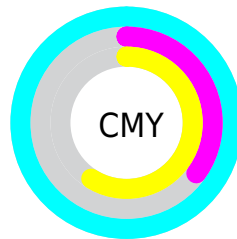
- Red (0%)
- Green (65%)
- Blue (41%)



- Red (0%)
- Yellow (40%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.8850, -2.9013, -96.3691 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 109.8850, -2.9013, -96.3691 by changing the saturation by 10% instead.

■ 109.8850, -2.9013,
-96.3691

■ 109.8850, -2.9013,
-96.3691

■ 255.0000, 0.0000,
0.0000

■ 91.3000, -5.5709,
-80.0701

■ 175.8940, -9.8077,
-74.4520

■ 73.3020, -8.5299,
-64.2859

■ 204.9650,
-10.8287, -73.6373

■ 55.5320, -10.6153,
-48.7016

■ 218.7740, -4.3256,
-59.4378

■ 38.3490, -12.9901,
-33.6321

■ 231.0500, 3.9193,
-43.8939

■ 24.0670, -11.8650,
-21.1068

■ 241.8440, 6.4859,
-27.0502

■ 1.7610, -0.8682,
-1.5444

■ 250.8140, 2.0637,

■ 0.0000, 0.0000,

-8.6069

0.0000

■ 109.8850, -2.9013,
-96.3691

■ 115.6520, -2.7864,
-86.5178

■ 121.2340, -2.0874,
-77.3812

■ 127.0010, -1.9725,
-67.5299

■ 132.7680, -1.8576,
-57.6785

■ 138.2360, -1.5953,
-48.4420

■ 144.1170, -1.0437,
-38.6906

■ 149.8840, -0.9288,
-28.8393

■ 155.6510, -0.8139,
-18.9879

■ 161.2330, -0.1149,
-9.8513

Harmonies

Analogous

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



133.6500, -36.3094, -20.7410



109.8850, -2.9013, -96.3691



117.4600, 18.5072, -103.0124

Triad

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



109.8850, -2.9013, -96.3691



132.4470, 55.4886, -64.4130



142.8990, -26.5722, 76.3876

Complementary

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



109.8850, -2.9013, -96.3691



57.1150, 2.9013, 96.3691

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.



144.2950, -3.5964, 80.4253



109.8850, -2.9013, -96.3691



149.3380, 37.7944, 11.1046

Square

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



109.8850, -2.9013, -96.3691



121.9980, 56.2030, -106.9922



148.7000, 18.8819, 57.2681



142.6470, -44.6890, 53.8066

Rectangle

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



109.8850, -2.9013, -96.3691



120.7490, 33.6477, -105.8969



148.7000, 18.8819, 57.2681



143.1690, -19.3103, 80.5358

Sweetspot

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



109.8850, -2.9013, -96.3691



194.7150, -1.3385, -37.4611



117.1650, -57.7623, -46.6257



96.3300, -0.6557, -23.0914



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.



109.8850, -2.9013, -96.3691



142.7690, -3.8301, -125.2084



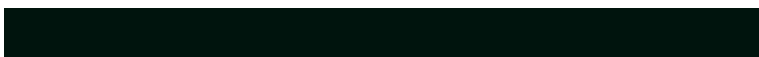
105.9140, 30.1154, -92.8866



81.2660, -0.1311, -4.6183



97.3640, -2.6445, -85.3882



13.2220, -0.1094, -11.5957

Inverse Universe

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



57.1150, 2.9013, 96.3691



74.2310, 3.8301, 125.2084



61.0860, -30.1154, 92.8866



78.7340, 0.1311, 4.6183



50.6360, 2.6445, 85.3882



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 109.8850, -2.9013, -96.3691 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 109.8850, -2.9013, -96.3691 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 109.8850, -2.9013, -96.3691 Background



This preview shows how black text looks on a background with the YUV color 109.8850, -2.9013, -96.3691.



This preview shows how white text looks on a background with the YUV color 109.8850, -2.9013, -96.3691.

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

109.8850, -2.9013, -96.3691

Protanopia

142.8880, -23.6088, 12.3762

Deuteranopia

144.9630, -17.2368, 21.9574



Tritanopia

130.8810, 20.2717, -62.1626

Trichromacy



Original Color

109.8850, -2.9013, -96.3691



Protanomaly

130.8830, -16.2113, -27.0844



Deuteranomaly

132.0670, -11.8650, -21.1068



Tritanomaly

123.2140, 11.7265, -74.7327

Monochromacy



Original Color

109.8850, -2.9013, -96.3691



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

110.1390, -1.0545, -35.2019

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.8850, -2.9013, -96.3691 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, 167, 104)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 104)  
}
```

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, 167, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 104) }
```

Border

The CSS property to change the border of an element to YUV 109.8850, -2.9013, -96.3691 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, 167, 104) }
```


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

```
.border{ border-color:rgb(0, 167, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 167, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 104);  
box-shadow:4px 4px 4px 4px rgb(0, 167,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 109.8850, -2.9013, -96.3691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 104) }
```

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

```
.background{ background-color: rgb(0, 167,  
104) }
```

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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