

Converting Colors

YUV(103.0670, -8.9070,
-83.3738)

Have a look what the booklet for
YUV(103.0670, -8.9070, -83.3738)
contains.

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Color

**YUV(103.0670, -8.9070,
-83.3738)**

Conversions

Conversions Part 1

Format	Color
Hex	089B55
RGB	8, 155, 85
RGB Percent	3%, 61%, 33%
CMY	0.9686, 0.3922, 0.6667
CMYK	0.95, 0.00, 0.45, 0.39
HSL	151°, 90%, 32%
HSV	151°, 95%, 61%
XYZ	13.4612, 24.1502, 12.5463
YIQ	103.0670, -65.1420, -52.9340

Conversions

Conversions Part 2

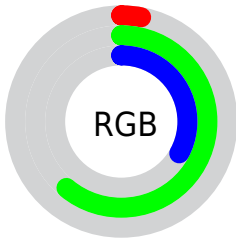
Format	Color
RYB	8, 104, 155
Decimal	564053
CIELab	56.24, -50.74, 27.23
CIELCh	56, 57.586, 151.786
Yxy	24.1502, 0.2684, 0.4815
Android (android.graphics.Color)	4278754133 (0xFF089B55)
YUV	103.0670, -8.9070, -83.3738
Hunter-Lab	49.1428, -37.1054, 19.2631

Details

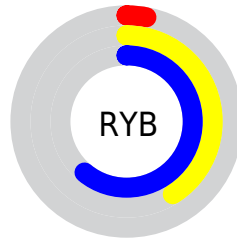
The YUV color **103.0670, -8.9070, -83.3738** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **59.9330, 8.9070, 83.3738**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9720, -14.7762, -67.5044**, and **64.2060, -12.9196, -56.3087** is the 20% darker color. If you saturate the color by 10%, you get **100.2190, -9.4750, -87.8921**, and if you desaturate by 10%, it is **108.3500, -8.0605, -74.8520**.

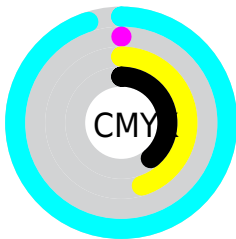
Distribution



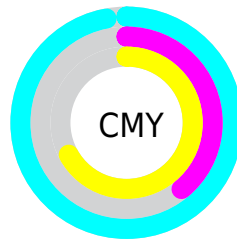
- Red (3%)
- Green (61%)
- Blue (33%)



- Red (3%)
- Yellow (41%)
- Blue (61%)



- Cyan (95%)
- Magenta (0%)
- Yellow (45%)
- Black (39%)



- Cyan (97%)
- Magenta (39%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.0670, -8.9070, -83.3738 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 103.0670, -8.9070, -83.3738 by changing the saturation by 10% instead.

■ 103.0670, -8.9070,
-83.3738

■ 103.0670, -8.9070,
-83.3738

■ 255.0000, 0.0000,
0.0000

■ 82.0900, -10.3974,
-71.9929

■ 165.9720,
-14.7762, -67.5044

■ 64.2060, -12.9196,
-56.3087

■ 194.3420,
-15.9446, -66.0749

■ 46.9090, -15.7311,
-41.1392

■ 215.4830,
-13.0561, -59.1826

■ 31.1110, -15.3377,
-27.2843

■ 227.3460, -5.1006,
-44.1534

■ 17.6100, -8.6817,
-15.4440

■ 239.6220, 3.1444,
-28.6095

■ 0.0000, 0.0000,
0.0000

■ 249.6180, 2.6533,

-11.0660

■ 103.0670, -8.9070,
-83.3738

■ 103.0670, -8.9070,
-83.3738

■ 100.2190, -9.4750,
-87.8921

■ 108.3500, -8.0605,
-74.8520

■ 114.0460, -6.9247,
-65.8153

■ 119.3290, -6.0782,
-57.2935

■ 125.0250, -4.9423,
-48.2569

■ 130.3080, -4.0958,
-39.7351

■ 135.8900, -3.3968,
-30.5985

■ 141.2870, -2.1135,
-22.1767

■ 146.8690, -1.4144,
-13.0401

■ 152.1520, -0.5679,
-4.5183

Harmonies

Analogous

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



122.9560, -40.4043, -13.9934



103.0670, -8.9070, -83.3738



108.2500, 13.6807, -94.9352

Triad

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



103.0670, -8.9070, -83.3738



108.9700, 62.1328, -95.5667



130.9470, -22.6519, 78.9765

Complementary

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



103.0670, -8.9070, -83.3738



59.9330, 8.9070, 83.3738

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.



132.4350, 0.7715, 79.4255



103.0670, -8.9070, -83.3738



137.0810, 40.8791, 1.6830

Square

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



103.0670, -8.9070, -83.3738



114.6460, 53.4185, -100.5445



137.5900, 22.3871, 52.9796



130.8370, -42.8106, 58.0250

Rectangle

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



103.0670, -8.9070, -83.3738



112.2400, 28.9687, -98.4345



137.5900, 22.3871, 52.9796



131.6190, -15.0952, 81.8951

Sweetspot

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



103.0670, -8.9070, -83.3738



181.2920, -3.1020, -31.8281



115.5180, -53.0064, -32.0263



89.5970, -2.2663, -19.8176



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



103.0670, -8.9070, -83.3738



130.0710, -11.8670, -114.0723



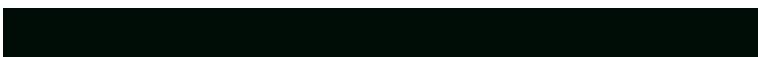
109.8730, 22.2476, -89.3426



74.1520, -0.5679, -4.5183



90.5020, -8.6285, -79.3703



8.4290, -0.7045, -7.3922

Inverse Universe

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



59.9330, 8.9070, 83.3738



71.0430, 12.3038, 113.9723



53.1270, -22.2476, 89.3426



71.7340, 0.1311, 4.6183



49.4980, 8.6285, 79.3703



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 103.0670, -8.9070, -83.3738 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 103.0670, -8.9070, -83.3738 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 103.0670, -8.9070, -83.3738

Background



This preview shows how black text looks on a background with the YUV color 103.0670, -8.9070, -83.3738.



This preview shows how white text looks on a background with the YUV color 103.0670, -8.9070,

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

103.0670, -8.9070, -83.3738

Protanopia

131.3890, -26.8138, 13.6908

Deuteranopia

133.3500, -20.8785, 23.3721



Tritanopia

121.7570, 18.3608, -55.9149

Trichromacy



Original Color

103.0670, -8.9070, -83.3738



Protanomaly

121.1780, -20.3008, -22.0811



Deuteranomaly

122.5470, -16.5387, -15.3887



Tritanomaly

115.0580, 8.3524, -65.8259

Monochromacy



Original Color

103.0670, -8.9070, -83.3738



Achromatopsia

103.0000, 0.0000, 0.0000



Achromatomaly

102.8900, -3.3968, -30.5985

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.0670, -8.9070, -83.3738 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(8, 155, 85)` looks like.

```
.text, #text, p{  
    color:rgb(8, 155, 85)  
}
```

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(8, 155, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 155, 85) }
```

Border

The CSS property to change the border of an element to YUV 103.0670, -8.9070, -83.3738 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(8, 155, 85) }
```


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

```
.border{ border-color:rgb(8, 155, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 155, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 155, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 155, 85);  
box-shadow:4px 4px 4px 4px rgb(8, 155, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 103.0670, -8.9070, -83.3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 155, 85) }
```

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

```
.background{ background-color: rgb(8, 155,  
85) }
```

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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