

Converting Colors

YUV(103.0860, -38.0034,
-84.2674)

Have a look what the booklet for
YUV(103.0860, -38.0034, -84.2674)
contains.

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Color

**YUV(103.0860, -38.0034,
-84.2674)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 07A71A |
| RGB | 7, 167, 26 |
| RGB Percent | 3%, 65%, 10% |
| CMY | 0.9725, 0.3451, 0.8980 |
| CMYK | 0.96, 0.00, 0.84, 0.35 |
| HSL | 127°, 92%, 34% |
| HSV | 127°, 96%, 65% |
| XYZ | 14.0928, 27.7572, 5.5922 |
| YIQ | 103.0860, -50.0990, -77.7710 |

Conversions

Conversions Part 2

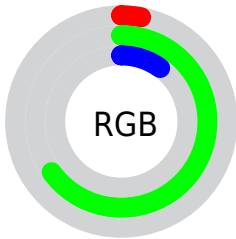
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 7, 150, 167 |
| Decimal | 501530 |
| CIELab | 59.67, -61.52, 56.12 |
| CIELCh | 60, 83.271, 137.627 |
| Yxy | 27.7572, 0.2971, 0.5851 |
| Android (android.graphics.Color) | 4278691610 (0xFF07A71A) |
| YUV | 103.0860, -38.0034, -84.2674 |
| Hunter-Lab | 52.6851, -44.4517, 30.5863 |

Details

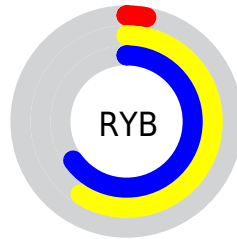
The YUV color **103.0860, -38.0034, -84.2674** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **70.9140, 38.0034, 84.2674**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8820, -41.8468, -64.7945**, and **66.3310, -32.7012, -58.1723** is the 20% darker color. If you saturate the color by 10%, you get **100.3090, -39.5923, -87.9710**, and if you desaturate by 10%, it is **109.8790, -33.9573, -75.3159**.

Distribution



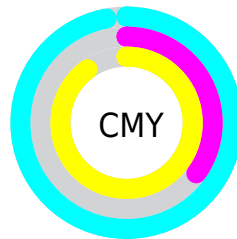
- Red (3%)
- Green (65%)
- Blue (10%)



- Red (3%)
- Yellow (59%)
- Blue (65%)



- Cyan (96%)
- Magenta (0%)
- Yellow (84%)
- Black (35%)



- Cyan (97%)
- Magenta (35%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.0860, -38.0034, -84.2674 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 103.0860, -38.0034, -84.2674 by changing the saturation by 10% instead.

■ 103.0860,
-38.0034, -84.2674

■ 103.0860,
-38.0034, -84.2674

255.0000, 0.0000,
0.0000

■ 82.1800, -40.5147,
-72.0719

■ 168.8820,
-41.8468, -64.7945

■ 66.3310, -32.7012,
-58.1723

■ 198.8390,
-43.3046, -63.8798

■ 51.0690, -25.1770,
-44.7875

■ 212.1750,
-36.0753, -49.2655

■ 36.9810, -18.2316,
-32.4323

■ 224.2230,
-28.7039, -33.5216

■ 22.8930, -11.2862,
-20.0772

■ 236.4990,
-20.4590, -17.9776

■ 0.0000, 0.0000,
0.0000

■ 248.9600,

-12.7983, -1.7189

254.7720, -0.8736,
0.2000

■ 103.0860,
-38.0034, -84.2674

■ 103.0860,
-38.0034, -84.2674

■ 100.3090,
-39.5923, -87.9710

■ 109.8790,
-33.9573, -75.3159

■ 116.2590,
-30.2007, -66.8791

■ 123.0520,
-26.1546, -57.9276

■ 129.8450,
-22.1086, -48.9761

■ 136.3390,
-17.9151, -40.6393

■ 143.0180,
-14.3059, -31.5878

■ 149.8110,
-10.2598, -22.6362

■ 156.6040, -6.2138,
-13.6847

■ 162.9840, -2.4571,
-5.2480

Harmonies

Analogous

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



129.5780, -63.8820, 3.0011



103.0860, -38.0034, -84.2674



114.6780, -2.3063, -100.5726

Triad

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



103.0860, -38.0034, -84.2674



123.5770, 64.7915, -108.3770



119.2120, -7.4995, 119.0861

Complementary

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



103.0860, -38.0034, -84.2674



70.9140, 38.0034, 84.2674

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.



129.8820, 23.2292, 109.7285



103.0860, -38.0034, -84.2674



119.9430, 66.5831, -76.2490

Square

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



103.0860, -38.0034, -84.2674



130.2790, 60.0085, -114.2547



146.0170, 48.3056, 46.4661



132.6790, -49.6347, 100.2595

Rectangle

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



103.0860, -38.0034, -84.2674



121.0790, 19.6811, -106.1863



146.0170, 48.3056, 46.4661



117.8390, 5.0094, 120.2902

Sweetspot

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



103.0860, -38.0034, -84.2674



191.7790, -15.1740, -33.1322



143.0790, -67.0869, 4.3157



94.4630, -9.1023, -20.5771



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.



103.0860, -38.0034, -84.2674



130.3430, -51.4411, -114.3108



112.2060, -3.0596, -92.2657



80.8100, -1.8783, -4.2184



88.9280, -34.9675, -77.9899



11.9680, -4.9142, -10.4959

Inverse Universe

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



70.9140, 38.0034, 84.2674



86.6570, 51.4411, 114.3108



61.7940, 3.0596, 92.2657



79.1900, 1.8783, 4.2184



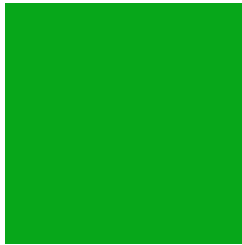
59.0720, 34.9675, 77.9899



8.0320, 4.9142, 10.4959

Previews

White Background



This preview shows how the YUV color 103.0860, -38.0034, -84.2674 looks on a white background.

Color Contrast Check

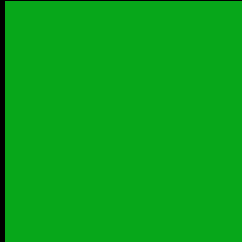
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.0860, -38.0034, -84.2674 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 103.0860, -38.0034, -84.2674 Background



This preview shows how black text looks on a background with the YUV color 103.0860, -38.0034, -84.2674.



This preview shows how white text looks on a background with the YUV color 103.0860, -38.0034, -84.2674.

-84.2674.

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

103.0860, -38.0034, -84.2674

Protanopia

134.2460, -56.8163, 23.4633

Deuteranopia

137.7820, -46.2345, 36.1482



Tritanopia

131.0670, 18.2080, -53.5558

Trichromacy



Original Color

103.0860, -38.0034, -84.2674



Protanomaly

123.1270, -49.8556, -15.8974



Deuteranomaly

125.1910, -43.4782, -8.0605



Tritanomaly

120.6100, -2.2727, -64.5560

Monochromacy



Original Color

103.0860, -38.0034, -84.2674



Achromatopsia

103.0000, 0.0000, 0.0000



Achromatomaly

102.8440, -13.7271, -30.5582

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.0860, -38.0034, -84.2674 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(7, 167, 26)` looks like.

```
.text, #text, p{  
    color:rgb(7, 167, 26)  
}
```

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(7, 167, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 167, 26) }
```

Border

The CSS property to change the border of an element to YUV 103.0860, -38.0034, -84.2674 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(7, 167, 26) }
```


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

```
.border{ border-color:rgb(7, 167, 26) }
```

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

Here you see how a box with a 4 pixel rgb(7, 167, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 167, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 167, 26);  
box-shadow:4px 4px 4px 4px rgb(7, 167, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 103.0860, -38.0034, -84.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 167, 26) }
```

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

```
.background{ background-color: rgb(7, 167,  
26) }
```

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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