

Converting Colors

YUV(103.9450, -40.8919,
-91.1598)

Have a look what the booklet for
YUV(103.9450, -40.8919, -91.1598)
contains.

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Color

**YUV(103.9450, -40.8919,
-91.1598)**

Conversions

Conversions Part 1

Format	Color
Hex	00AD15
RGB	0, 173, 21
RGB Percent	0%, 68%, 8%
CMY	1.0000, 0.3216, 0.9176
CMYK	1.00, 0.00, 0.88, 0.32
HSL	127°, 100%, 34%
HSV	127°, 100%, 68%
XYZ	15.0789, 29.9413, 5.6940
YIQ	103.9450, -54.3160, -83.9480

Conversions

Conversions Part 2

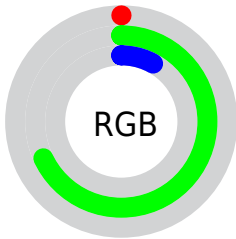
Format	Color
RYB	0, 154, 173
Decimal	44309
CIELab	61.60, -63.82, 59.01
CIELCh	62, 86.922, 137.245
Yxy	29.9413, 0.2973, 0.5904
Android (android.graphics.Color)	4278234389 (0xFF00AD15)
YUV	103.9450, -40.8919, -91.1598
Hunter-Lab	54.7186, -46.5680, 32.1334

Details

The YUV color **103.9450, -40.8919, -91.1598** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **69.0550, 40.8919, 91.1598**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.1760, -44.4568, -67.6834**, and **69.8530, -34.4375, -61.2611** is the 20% darker color. If you saturate the color by 10%, you get **103.9450, -40.8919, -91.1598**, and if you desaturate by 10%, it is **110.7380, -36.8458, -82.2082**.

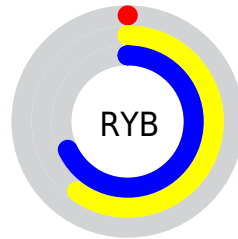
Distribution



Red (0%)

Green (68%)

Blue (8%)



Red (0%)

Yellow (60%)

Blue (68%)

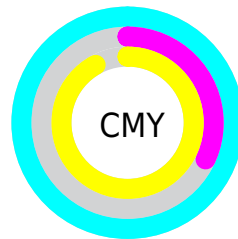


Cyan (100%)

Magenta (0%)

Yellow (88%)

Black (32%)



Cyan (100%)

Magenta (32%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.9450, -40.8919, -91.1598 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 103.9450, -40.8919, -91.1598 by changing the saturation by 10% instead.

■ 103.9450,
-40.8919, -91.1598

■ 103.9450,
-40.8919, -91.1598

■ 255.0000, 0.0000,
0.0000

■ 85.7020, -42.2511,
-75.1607

■ 173.1760,
-44.4568, -67.6834

■ 69.8530, -34.4375,
-61.2611

■ 200.1980,
-44.4676, -64.1946

■ 54.5910, -26.9134,
-47.8763

■ 212.5450,
-37.2437, -47.8360

■ 39.9160, -19.6786,
-35.0063

■ 224.7070,
-29.4356, -32.1920

■ 25.8280, -12.7332,
-22.6512

■ 236.9830,
-21.1906, -16.6481

■ 6.4570, -3.1833,
-5.6628

■ 249.4440,

■ 0.0000, 0.0000,

-13.5299, -0.3894

0.0000

254.6580, -1.3104,
0.2999

■ 103.9450,
-40.8919, -91.1598

■ 110.7380,
-36.8458, -82.2082

■ 117.8300,
-32.9472, -72.6419

■ 124.7370,
-28.4643, -63.7903

■ 131.5300,
-24.4183, -54.8388

■ 138.6220,
-20.5196, -45.2725

■ 145.4150,
-16.4736, -36.3210

■ 152.2080,
-12.4275, -27.3694

■ 159.1150, -7.9447,
-18.5179

■ 166.2070, -4.0461,
-8.9515

Harmonies

Analogous

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



134.5950, -66.3553, 2.9862



103.9450, -40.8919, -91.1598



118.4280, -3.1690, -103.8614

Triad

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



103.9450, -40.8919, -91.1598



127.6860, 62.7658, -111.9806



118.4940, -5.1735, 119.7158

Complementary

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



103.9450, -40.8919, -91.1598



69.0550, 40.8919, 91.1598

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.



129.6200, 27.3023, 109.9583



103.9450, -40.8919, -91.1598



113.3100, 69.8532, -98.4959

Square

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



103.9450, -40.8919, -91.1598



134.1430, 59.5825, -117.6434



150.8260, 51.3578, 47.5106



135.5440, -51.5402, 104.7629

Rectangle

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



103.9450, -40.8919, -91.1598



125.7580, 19.8393, -110.2898



150.8260, 51.3578, 47.5106



116.1750, 8.7877, 121.7495

Sweetspot

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



103.9450, -40.8919, -91.1598



197.2410, -15.8948, -35.2914



147.2980, -72.6179, 5.0007



96.0500, -9.3916, -21.0918



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



103.9450, -40.8919, -91.1598



134.5660, -53.0300, -118.0144



113.7490, -3.3273, -99.7579



83.3970, -2.1677, -4.7332



90.1020, -35.5463, -79.0195



13.8430, -5.3456, -12.1403

Inverse Universe

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



69.0550, 40.8919, 91.1598



89.4340, 53.0300, 118.0144



59.2510, 3.3273, 99.7579



81.6030, 2.1677, 4.7332



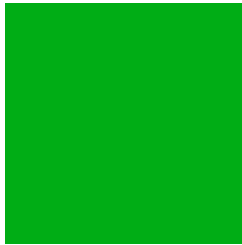
59.8980, 35.5463, 79.0195



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 103.9450, -40.8919, -91.1598 looks on a white background.

Color Contrast Check

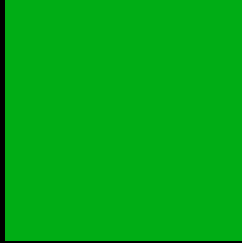
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.9450, -40.8919, -91.1598 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 103.9450, -40.8919, -91.1598 Background



This preview shows how black text looks on a background with the YUV color 103.9450, -40.8919, -91.1598.



This preview shows how white text looks on a background with the YUV color 103.9450, -40.8919, -91.1598.

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



Protanopia

138.1770, -62.2053, 25.2778

Deuteranopia

142.2830, -49.4395, 37.4628

Tritanopia

135.8710, 18.7976, -56.0149

Trichromacy



Protanomaly

125.5630, -54.5076, -17.1568

Deuteranomaly

128.3820, -46.5303, -9.1050

Tritanomaly

124.0610, -2.9881, -68.4595

Monochromacy



Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8930, -14.7372, -33.2322

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.9450, -40.8919, -91.1598 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, 173, 21)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 21)  
}
```

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, 173, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 21) }
```

Border

The CSS property to change the border of an element to YUV 103.9450, -40.8919, -91.1598 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, 173, 21) }
```

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

```
.border{ border-color:rgb(0, 173, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 173, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 21);  
box-shadow:4px 4px 4px 4px rgb(0, 173, 21)  
}
```


Background

The CSS property to change the background color of an element to YUV 103.9450, -40.8919, -91.1598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 21) }
```

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

```
.background{ background-color: rgb(0, 173,  
21) }
```

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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