

Converting Colors

YUV(94.5700, -38.7350,
-82.9379)

Have a look what the booklet for
YUV(94.5700, -38.7350, -82.9379)
contains.

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Color

**YUV(94.5700, -38.7350,
-82.9379)**

Conversions

Conversions Part 1

Format	Color
Hex	009E10
RGB	0, 158, 16
RGB Percent	0%, 62%, 6%
CMY	1.0000, 0.3804, 0.9373
CMYK	1.00, 0.00, 0.90, 0.38
HSL	126°, 100%, 31%
HSV	126°, 100%, 62%
XYZ	12.3204, 24.4911, 4.5681
YIQ	94.5700, -48.5860, -77.6580

Conversions

Conversions Part 2

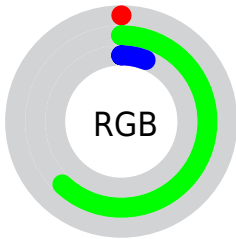
Format	Color
RYB	0, 143, 158
Decimal	40464
CIELab	56.58, -59.78, 55.64
CIELCh	57, 81.666, 137.058
Yxy	24.4911, 0.2977, 0.5919
Android (android.graphics.Color)	4278230544 (0xFF009E10)
YUV	94.5700, -38.7350, -82.9379
Hunter-Lab	49.4885, -42.1665, 29.1691

Details

The YUV color **94.5700, -38.7350, -82.9379** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **63.4300, 38.7350, 82.9379**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.6050, -41.7103, -61.9206**, and **61.6350, -30.3861, -54.0539** is the 20% darker color. If you saturate the color by 10%, you get **94.5700, -38.7350, -82.9379**, and if you desaturate by 10%, it is **100.9500, -34.9783, -74.5011**.

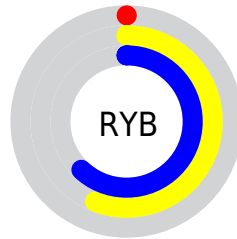
Distribution



Red (0%)

Green (62%)

Blue (6%)



Red (0%)

Yellow (56%)

Blue (62%)

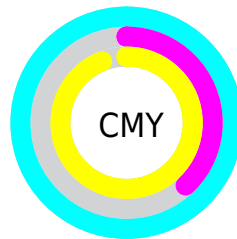


Cyan (100%)

Magenta (0%)

Yellow (90%)

Black (38%)



Cyan (100%)


Magenta (38%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.5700, -38.7350, -82.9379 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 94.5700, -38.7350, -82.9379 by changing the saturation by 10% instead.


 94.5700, -38.7350,
-82.9379


 94.5700, -38.7350,
-82.9379


255.0000, 0.0000,
0.0000


 76.8970, -37.9102,
-67.4387


 161.6050,
-41.7103, -61.9206


 61.6350, -30.3861,
-54.0539


 190.9750,
-42.8787, -60.4911


 46.3730, -22.8619,
-40.6691

 210.0670,
-38.9800, -50.9248

 32.2850, -15.9165,
-28.3139

 222.2290,
-31.1719, -35.2808

 18.1970, -8.9711,
-15.9588


 234.3910,
-23.3638, -19.6369


 0.0000, 0.0000,
0.0000


 246.6670,


-15.1188, -4.0930


 253.8600, -4.3680,
0.9998


 94.5700, -38.7350,
-82.9379

 100.9500,
-34.9783, -74.5011

 107.3300,
-31.2217, -66.0644

 113.5250,
-26.8808, -58.3424

 119.9050,
-23.1242, -49.9057

 126.2850,
-19.3675, -41.4689

■ 132.6650,
-15.6108, -33.0322

■ 139.0450,
-11.8542, -24.5955

■ 145.2400, -7.5133,
-16.8735

■ 151.6200, -3.7567,
-8.4367

Harmonies

Analogous

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



123.0880, -60.6824, 3.4308



94.5700, -38.7350, -82.9379



107.7820, -3.3435, -94.5248

Triad

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



94.5700, -38.7350, -82.9379



118.8810, 67.1067, -104.2586



113.3590, -7.0790, 124.2192

Complementary

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



94.5700, -38.7350, -82.9379



63.4300, 38.7350, 82.9379

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.



121.3980, 23.9608, 108.3990



94.5700, -38.7350, -82.9379



105.9670, 73.4733, -92.9331

Square

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



94.5700, -38.7350, -82.9379



123.5140, 56.9346, -108.3218



137.7670, 47.4429, 43.1773



124.2380, -47.4453, 98.0153

Rectangle

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



94.5700, -38.7350, -82.9379



114.6560, 17.9176, -100.5533



137.7670, 47.4429, 43.1773



111.2850, 5.2825, 126.0381

Sweetspot

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



94.5700, -38.7350, -82.9379



182.0780, -15.3215, -32.5174



135.2040, -66.6556, 5.9601



89.7620, -9.2497, -19.9623



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



94.5700, -38.7350, -82.9379



123.9030, -50.7312, -108.6629



103.5760, -4.2280, -90.8362



75.8100, -1.8783, -4.2184



85.5370, -35.2677, -75.0159



9.0330, -3.4673, -7.9219

Inverse Universe

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



63.4300, 38.7350, 82.9379



83.0970, 50.7312, 108.6629



54.4240, 4.2280, 90.8362



74.1900, 1.8783, 4.2184



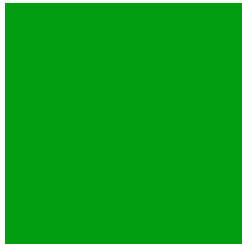
57.3490, 34.8309, 75.1159



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 94.5700, -38.7350, -82.9379 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 94.5700, -38.7350, -82.9379 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 94.5700, -38.7350, -82.9379

Background



This preview shows how black text looks on a background with the YUV color 94.5700, -38.7350, -82.9379.



This preview shows how white text looks on a background with the YUV color 94.5700, -38.7350,

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

124.8070, -61.0369, 23.8483

Deuteranopia

129.8850, -45.7923, 34.3039

Tritanopia

124.1490, 17.1815, -50.9967

Trichromacy



Protanomaly

113.6280, -53.0606, -14.5828

Deuteranomaly

117.1910, -43.4782, -8.0605

Tritanomaly

113.3930, -3.1517, -62.6117

Monochromacy



Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.7300, -14.1639, -30.4582

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.5700, -38.7350, -82.9379 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, 158, 16)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 16)  
}
```

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, 158, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 16) }
```

Border

The CSS property to change the border of an element to YUV 94.5700, -38.7350, -82.9379 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, 158, 16) }
```

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

```
.border{ border-color:rgb(0, 158, 16) }
```

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

Here you see how a box with a 4 pixel rgb(0, 158, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 16);  
box-shadow:4px 4px 4px 4px rgb(0, 158, 16)  
}
```


Background

The CSS property to change the background color of an element to YUV 94.5700, -38.7350, -82.9379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 16) }
```

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

```
.background{ background-color: rgb(0, 158,  
16) }
```

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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