

Converting Colors

YUV(95.1350, -18.8006,
-83.4334)

Have a look what the booklet for
YUV(95.1350, -18.8006, -83.4334)
contains.

YUV(95.1350, -18.8006, -83.4334)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(95.1350, -18.8006,
-83.4334)**

Conversions

Conversions Part 1

Format	Color
Hex	009739
RGB	0, 151, 57
RGB Percent	0%, 59%, 22%
CMY	1.0000, 0.4078, 0.7765
CMYK	1.00, 0.00, 0.62, 0.41
HSL	143°, 100%, 30%
HSV	143°, 100%, 59%
XYZ	11.8051, 22.4286, 7.5779
YIQ	95.1350, -59.8220, -61.2460

Conversions

Conversions Part 2

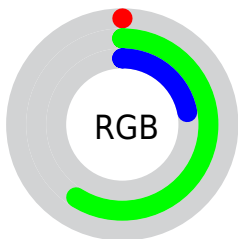
Format	Color
RYB	0, 110, 151
Decimal	38713
CIELab	54.48, -54.32, 39.25
CIELCh	54, 67.016, 144.151
Yxy	22.4286, 0.2823, 0.5364
Android (android.graphics.Color)	4278228793 (0xFF009739)
YUV	95.1350, -18.8006, -83.4334
Hunter-Lab	47.3589, -38.3834, 23.6643

Details

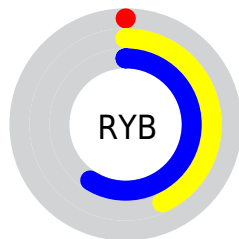
The YUV color **95.1350, -18.8006, -83.4334** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **55.8650, 18.8006, 83.4334**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.1330, -25.7016, -63.2606**, and **57.7540, -27.4867, -50.6503** is the 20% darker color. If you saturate the color by 10%, you get **95.1350, -18.8006, -83.4334**, and if you desaturate by 10%, it is **100.6460, -17.0805, -75.1115**.

Distribution



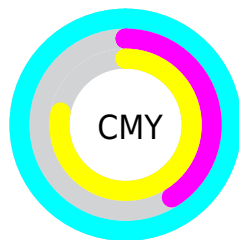
- Red (0%)
- Green (59%)
- Blue (22%)



- Red (0%)
- Yellow (43%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (41%)





- Cyan (100%)
- Magenta (41%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.1350, -18.8006, -83.4334 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 95.1350, -18.8006, -83.4334 by changing the saturation by 10% instead.


 95.1350, -18.8006,
-83.4334


 95.1350, -18.8006,
-83.4334


255.0000, 0.0000,
0.0000


 76.4360, -21.9069,
-67.0344


 159.1330,
-25.7016, -63.2606


 57.7540, -27.4867,
-50.6503


 188.2040,
-26.7226, -62.4459

 42.8510, -21.1255,
-37.5803

 211.5790,
-25.4284, -57.5128

 29.3500, -14.4695,
-25.7399

 223.4420,
-17.4729, -42.4836

 14.0880, -6.9454,
-12.3552

 235.6040, -9.6648,
-26.8397

 0.0000, 0.0000,
0.0000

 247.8800, -1.4198,

-11.2958

■ 95.1350, -18.8006,
-83.4334

■ 100.6460,
-17.0805, -75.1115

■ 106.2710,
-14.9236, -66.8897

■ 111.7820,
-13.2035, -58.5678

■ 117.4070,
-11.0467, -50.3459

■ 123.2170, -9.4740,
-41.4093

■ 128.7280, -7.7539,
-33.0875

■ 134.3530, -5.5970,
-24.8656

■ 139.8640, -3.8770,
-16.5437

■ 145.4890, -1.7201,
-8.3219

Harmonies

Analogous

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



115.9560, -57.1663, -4.3464



95.1350, -18.8006, -83.4334



104.9100, 5.9604, -92.0061

Triad

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



95.1350, -18.8006, -83.4334



110.8110, 66.6482, -97.1812



121.8380, -17.1751, 95.7351

Complementary

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



95.1350, -18.8006, -83.4334



55.8650, 18.8006, 83.4334

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.



124.2050, 9.7589, 90.1512



95.1350, -18.8006, -83.4334



128.2550, 53.6113, -22.1486

Square

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



95.1350, -18.8006, -83.4334



114.7600, 53.8553, -100.6445



132.9020, 32.5863, 48.3209



124.0670, -44.8960, 73.6092

Rectangle

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



95.1350, -18.8006, -83.4334



110.0570, 23.1429, -96.5200



132.9020, 32.5863, 48.3209



121.5530, -8.1606, 97.7390

Sweetspot

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



95.1350, -18.8006, -83.4334



174.2550, -7.0277, -32.6726



117.3410, -57.8491, -18.7161



86.0270, -4.4503, -19.3177



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



95.1350, -18.8006, -83.4334



123.4880, -24.3976, -108.2990



103.5710, 13.5225, -90.8318



74.0380, -1.0047, -4.4183



88.2220, -17.3644, -77.3707



8.2010, -1.5781, -7.1923

Inverse Universe

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



55.8650, 18.8006, 83.4334



72.5120, 24.3976, 108.2990



47.4290, -13.5225, 90.8318



71.9620, 1.0047, 4.4183



51.7780, 17.3644, 77.3707



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 95.1350, -18.8006, -83.4334 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 95.1350, -18.8006, -83.4334 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 95.1350, -18.8006, -83.4334

Background



This preview shows how black text looks on a background with the YUV color 95.1350, -18.8006, -83.4334.



This preview shows how white text looks on a background with the YUV color 95.1350, -18.8006, -83.4334.

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

125.4790, -36.7181, 17.1199

Deuteranopia

127.1520, -30.6409, 27.9307

Tritanopia

118.1490, 17.1815, -50.9967

Trichromacy



Protanomaly

114.5560, -30.3471, -19.7816

Deuteranomaly

115.3380, -26.2956, -12.5744

Tritanomaly

109.9290, 3.9790, -63.0817

Monochromacy



Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.6790, -6.7437, -30.4135

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.1350, -18.8006, -83.4334 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, 151, 57)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 57)  
}
```

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, 151, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 57) }
```

Border

The CSS property to change the border of an element to YUV 95.1350, -18.8006, -83.4334 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, 151, 57) }
```

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

```
.border{ border-color:rgb(0, 151, 57) }
```

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

Here you see how a box with a 4 pixel rgb(0, 151, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 57);  
box-shadow:4px 4px 4px 4px rgb(0, 151, 57)  
}
```


Background

The CSS property to change the background color of an element to YUV 95.1350, -18.8006, -83.4334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 57) }
```

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

```
.background{ background-color: rgb(0, 151,  
57) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor