

Converting Colors

YUV(93.3910, -16.9548,
-68.7489)

Have a look what the booklet for
YUV(93.3910, -16.9548, -68.7489)
contains.

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Color

**YUV(93.3910, -16.9548,
-68.7489)**

Conversions

Conversions Part 1

Format	Color
Hex	0F8C3B
RGB	15, 140, 59
RGB Percent	6%, 55%, 23%
CMY	0.9412, 0.4510, 0.7686
CMYK	0.89, 0.00, 0.58, 0.45
HSL	141°, 81%, 30%
HSV	141°, 89%, 55%
XYZ	10.3645, 19.1735, 7.2923
YIQ	93.3910, -48.4990, -51.6910

Conversions

Conversions Part 2

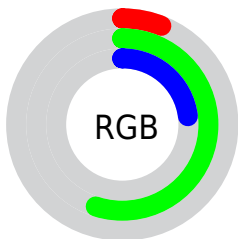
Format	Color
RYB	15, 107, 140
Decimal	1018939
CIELab	50.89, -49.44, 34.11
CIELCh	51, 60.064, 145.400
Yxy	19.1735, 0.2814, 0.5206
Android (android.graphics.Color)	4279209019 (0xFF0F8C3B)
YUV	93.3910, -16.9548, -68.7489
Hunter-Lab	43.7875, -34.3773, 20.7773

Details

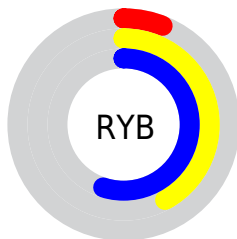
The YUV color **93.3910, -16.9548, -68.7489** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **61.6090, 16.9548, 68.7489**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.9040, -21.6447, -57.7978**, and **52.6820, -21.5352, -46.2021** is the 20% darker color. If you saturate the color by 10%, you get **88.1790, -18.8222, -76.4560**, and if you desaturate by 10%, it is **98.6030, -15.0873, -61.0418**.

Distribution



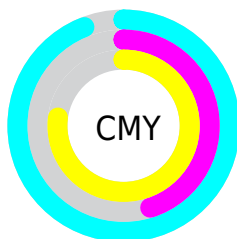
- Red (6%)
- Green (55%)
- Blue (23%)



- Red (6%)
- Yellow (42%)
- Blue (55%)



- Cyan (89%)
- Magenta (0%)
- Yellow (58%)
- Black (45%)



- Cyan (94%)
- Magenta (45%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.3910, -16.9548, -68.7489 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 93.3910, -16.9548, -68.7489 by changing the saturation by 10% instead.

■ 93.3910, -16.9548,
-68.7489

■ 93.3910, -16.9548,
-68.7489

255.0000, 0.0000,
0.0000

■ 70.9080, -17.7026,
-62.1863

■ 152.9040,
-21.6447, -57.7978

■ 52.6820, -21.5352,
-46.2021

■ 180.8610,
-23.1025, -56.8831

■ 37.5680, -18.5210,
-32.9471

■ 209.6330,
-23.9761, -56.6831

■ 24.6540, -12.1544,
-21.6216

■ 222.9580,
-16.7413, -43.8132

■ 3.5220, -1.7363,
-3.0888

■ 235.1200, -8.9332,
-28.1692

■ 0.0000, 0.0000,
0.0000

■ 246.9830, -0.9776,

-13.1401

■ 93.3910, -16.9548,
-68.7489

■ 93.3910, -16.9548,
-68.7489

■ 88.1790, -18.8222,
-76.4560

■ 98.6030, -15.0873,
-61.0418

■ 87.7660, -19.1116,
-76.9708

■ 103.8150,
-13.2198, -53.3348

■ 109.0270,
-11.3523, -45.6277

■ 114.2390, -9.4848,
-37.9206

■ 119.4510, -7.6173,
-30.2135

■ 124.6630, -5.7499,
-22.5065

■ 129.9890, -3.4456,
-14.8994

■ 135.2010, -1.5781,
-7.1923

■ 140.4130, 0.2894,
0.5148

Harmonies

Analogous

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



108.1500, -51.3459, -4.5165



93.3910, -16.9548, -68.7489



97.1820, 6.8123, -85.2286

Triad

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



93.3910, -16.9548, -68.7489



101.8460, 60.2219, -89.3189



114.8750, -16.7004, 83.4246

Complementary

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



93.3910, -16.9548, -68.7489



61.6090, 16.9548, 68.7489

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.



117.0420, 6.8813, 79.7702



93.3910, -16.9548, -68.7489



120.6490, 46.0220, -14.6012

Square

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



93.3910, -16.9548, -68.7489



105.5500, 49.0288, -92.5674



123.9140, 27.6504, 44.8024



116.1520, -40.5009, 63.8877

Rectangle

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



93.3910, -16.9548, -68.7489



101.8730, 22.2476, -89.3426



123.9140, 27.6504, 44.8024



114.9490, -8.8489, 85.1137

Sweetspot

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



93.3910, -16.9548, -68.7489



162.7010, -6.7546, -26.9248



112.5940, -48.1138, -14.5529



80.8640, -3.8770, -16.5437



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



93.3910, -16.9548, -68.7489



113.5430, -24.4247, -99.5772



100.4590, 10.1267, -74.9475



66.3370, -1.1521, -3.8035



83.4290, -17.9595, -73.1672



3.1630, -0.5734, -2.7740

Inverse Universe

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



61.6090, 16.9548, 68.7489



67.4570, 24.4247, 99.5772



54.5410, -10.1267, 74.9475



64.5490, 0.7153, 3.9035



49.5710, 17.9595, 73.1672



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 93.3910, -16.9548, -68.7489 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 93.3910, -16.9548, -68.7489 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 93.3910, -16.9548, -68.7489

Background



This preview shows how black text looks on a background with the YUV color 93.3910, -16.9548, -68.7489.



This preview shows how white text looks on a background with the YUV color 93.3910, -16.9548, -68.7489.

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

93.3910, -16.9548, -68.7489

Protanopia

117.1350, -31.6186, 14.7906

Deuteranopia

118.9820, -26.1201, 24.5718



Tritanopia

110.1280, 15.7129, -46.5933

Trichromacy



Original Color

93.3910, -16.9548, -68.7489



Protanomaly

108.6150, -26.4322, -15.4484



Deuteranomaly

109.5710, -22.9595, -9.2708



Tritanomaly

103.9840, 3.9519, -54.3600

Monochromacy



Original Color

93.3910, -16.9548, -68.7489



Achromatopsia

93.0000, 0.0000, 0.0000



Achromatomaly

93.2390, -6.0338, -24.7656

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.3910, -16.9548, -68.7489 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(15, 140, 59)` looks like.

```
.text, #text, p{  
    color:rgb(15, 140, 59)  
}
```

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(15, 140, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 140, 59) }
```

Border

The CSS property to change the border of an element to YUV 93.3910, -16.9548, -68.7489 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(15, 140, 59) }
```


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

```
.border{ border-color:rgb(15, 140, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 140, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 140, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 140, 59);  
box-shadow:4px 4px 4px 4px rgb(15, 140,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 93.3910, -16.9548, -68.7489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 140, 59) }
```

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

```
.background{ background-color: rgb(15, 140,  
59) }
```

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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