

Converting Colors

YUV(109.3180, -18.8908,
39.1861)

Have a look what the booklet for
YUV(109.3180, -18.8908, 39.1861)
contains.

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Color

**YUV(109.3180, -18.8908,
39.1861)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5E47
RGB	154, 94, 71
RGB Percent	60%, 37%, 28%
CMY	0.3961, 0.6314, 0.7216
CMYK	0.00, 0.39, 0.54, 0.40
HSL	17°, 37%, 44%
HSV	17°, 54%, 60%
XYZ	18.4665, 15.3304, 7.9470
YIQ	109.3180, 43.1430, 5.5670

Conversions

Conversions Part 2

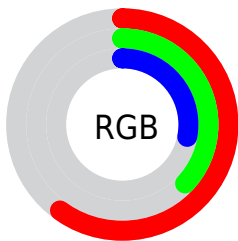
Format	Color
RYB	154, 103, 71
Decimal	10116679
CIELab	46.08, 21.99, 23.46
CIELCh	46, 32.154, 46.851
Yxy	15.3304, 0.4424, 0.3672
Android (android.graphics.Color)	4288306759 (0xFF9A5E47)
YUV	109.3180, -18.8908, 39.1861
Hunter-Lab	39.1540, 15.6676, 15.3738

Details

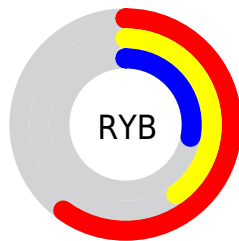
The YUV color **109.3180, -18.8908, 39.1861** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **115.6820, 18.8908, -39.1861**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.8840, -20.6488, 43.0747**, and **60.2680, -16.4011, 33.9680** is the 20% darker color. If you saturate the color by 10%, you get **101.1510, -22.2594, 46.3486**, and if you desaturate by 10%, it is **117.4850, -15.5221, 32.0237**.

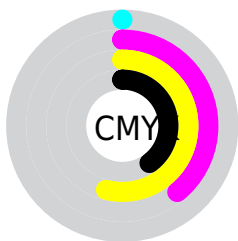
Distribution



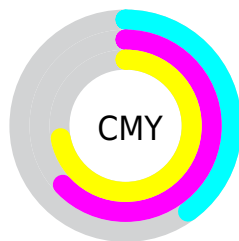
- Red (60%)
- Green (37%)
- Blue (28%)



- Red (60%)
- Yellow (40%)
- Blue (28%)



- Cyan (0%)
- Magenta (39%)
- Yellow (54%)
- Black (40%)





- Cyan (40%)
- Magenta (63%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.3180, -18.8908, 39.1861 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 109.3180, -18.8908, 39.1861 by changing the saturation by 10% instead.


 109.3180,
-18.8908, 39.1861

 109.3180,
-18.8908, 39.1861


255.0000, 0.0000,
0.0000


 84.2360, -17.8643,
36.6270


 161.8840,
-20.6488, 43.0747


 60.2680, -16.4011,
33.9680


 189.3680,
-21.3804, 44.4043


 36.7300, -17.1219,
31.8088

 212.6660,
-20.0483, 37.1269

 16.1130, -7.9437,
27.9649

 232.2940,
-15.9209, 19.9132

 3.8870, -1.9163,
7.9921

 251.9220,
-11.7935, 2.6994

 0.0000, 0.0000,
0.0000

■ 109.3180,
-18.8908, 39.1861

■ 109.3180,
-18.8908, 39.1861

■ 101.1510,
-22.2594, 46.3486

■ 117.4850,
-15.5221, 32.0237

■ 92.8700, -26.0649,
53.6110

■ 125.7660,
-11.7166, 24.7612

■ 84.7030, -29.4336,
60.7735

■ 133.9330, -8.3480,
17.5988

■ 75.8350, -32.9497,
68.5507

■ 142.8010, -4.8319,
9.8215

■ 71.2870, -35.1445,
72.5393

■ 150.9680, -1.4632,
2.6591

■ 159.1350, 1.9054,
-4.5034

■ 167.4160, 5.7109,
-11.7658

■ 175.5830, 9.0796,

-18.9283

■ 183.8640, 12.8850,
-26.1907

Harmonies

Analogous

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



110.6250, -7.7031, 44.1789



109.3180, -18.8908, 39.1861



107.5090, -25.3939, 24.9866

Triad

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



109.3180, -18.8908, 39.1861



94.8170, 0.5832, -47.1975



108.9700, 25.6508, -14.0057

Complementary

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



109.3180, -18.8908, 39.1861



115.6820, 18.8908, -39.1861

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.



97.2210, 31.4430, -51.9368



109.3180, -18.8908, 39.1861



86.3370, 18.5679, -75.7175

Square

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



109.3180, -18.8908, 39.1861



101.8670, -15.2174, -19.1774



87.8990, 29.6298, -77.0874



112.1650, 16.6807, 16.5183

Rectangle

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



109.3180, -18.8908, 39.1861



106.6060, -25.9348, 11.7465



87.8990, 29.6298, -77.0874



106.0610, 27.5779, -25.4865

Sweetspot

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



109.3180, -18.8908, 39.1861



183.8510, -7.3215, 15.0397



102.7710, 14.4099, 44.9278



91.6160, -4.2477, 9.1068



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



109.3180, -18.8908, 39.1861



131.0020, -29.5810, 61.3882



133.3850, -30.7558, 18.0794



72.5660, -1.7580, 3.8886



64.7530, -31.9232, 65.9916



6.2350, -3.0739, 5.9329

Inverse Universe

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



115.6820, 18.8908, -39.1861



140.9980, 29.5810, -61.3882



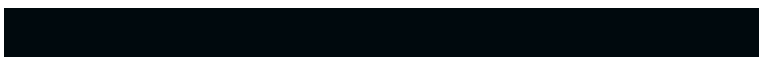
91.6150, 30.7558, -18.0794



72.8470, 2.0474, -3.3738



75.2470, 31.9232, -65.9916



6.7650, 3.0739, -5.9329

Previews

White Background



This preview shows how the YUV color 109.3180, -18.8908, 39.1861 looks on a white 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

Black Background



This preview shows how the YUV color 109.3180, -18.8908, 39.1861 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 109.3180, -18.8908, 39.1861 Background



This preview shows how black text looks on a background with the YUV color 109.3180, -18.8908, 39.1861.



This preview shows how white text looks on a background with the YUV color 109.3180, -18.8908, 39.1861.

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

109.3180, -18.8908, 39.1861

Protanopia

108.6300, -15.5936, 8.2175

Deuteranopia

108.9690, -19.7047, 20.1982



Tritanopia

111.1190, -6.9607, 39.3606

Trichromacy



Original Color

109.3180, -18.8908, 39.1861

Protanomaly

108.7670, -16.6471, 19.4983

Deuteranomaly

109.1270, -19.2896, 27.0756

Tritanomaly

110.3810, -11.0338, 39.1309

Monochromacy



Original Color

109.3180, -18.8908, 39.1861

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.2530, -7.0267, 13.8101

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.3180, -18.8908, 39.1861 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(154, 94, 71)` looks like.

```
.text, #text, p{  
    color:rgb(154, 94, 71)  
}
```

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(154, 94, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 94, 71) }
```

Border

The CSS property to change the border of an element to YUV 109.3180, -18.8908, 39.1861 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(154, 94, 71) }
```


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

```
.border{ border-color:rgb(154, 94, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 94, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 94, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 94, 71);  
box-shadow:4px 4px 4px 4px rgb(154, 94,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 109.3180, -18.8908, 39.1861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 94, 71) }
```

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

```
.background{ background-color: rgb(154, 94,  
71) }
```

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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