

Converting Colors

YUV(101.9630, -10.3348,
48.2674)

Have a look what the booklet for
YUV(101.9630, -10.3348, 48.2674)
contains.

YUV(101.9630, -10.3348, 48.2674)	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>	31

Color

**YUV(101.9630, -10.3348,
48.2674)**

Conversions

Conversions Part 1

Format	Color
Hex	9D4E51
RGB	157, 78, 81
RGB Percent	62%, 31%, 32%
CMY	0.3843, 0.6941, 0.6824
CMYK	0.00, 0.50, 0.48, 0.38
HSL	358°, 34%, 46%
HSV	358°, 50%, 62%
XYZ	18.1142, 13.2110, 9.3798
YIQ	101.9630, 46.1210, 17.6810

Conversions

Conversions Part 2

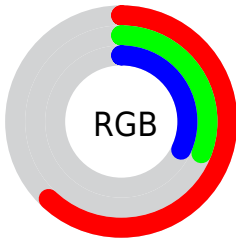
Format	Color
RYB	157, 78, 81
Decimal	10309201
CIELab	43.08, 33.09, 13.53
CIElCh	43, 35.745, 22.243
Yxy	13.2110, 0.4450, 0.3246
Android (android.graphics.Color)	4288499281 (0xFF9D4E51)
YUV	101.9630, -10.3348, 48.2674
Hunter-Lab	36.3469, 25.3521, 10.1422

Details

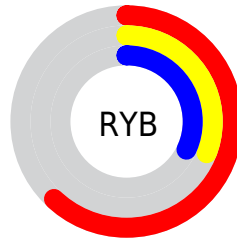
The YUV color **101.9630, -10.3348, 48.2674** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **133.0370, 10.3348, -48.2674**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.5290, -12.0928, 52.1561**, and **51.7390, -7.2663, 44.0789** is the 20% darker color. If you saturate the color by 10%, you get **90.8610, -12.2565, 58.0039**, and if you desaturate by 10%, it is **113.0650, -8.4130, 38.5310**.

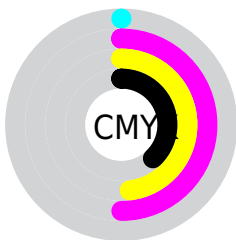
Distribution



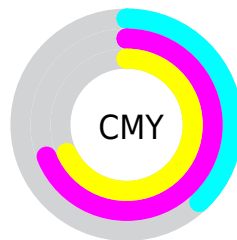
- Red (62%)
- Green (31%)
- Blue (32%)



- Red (62%)
- Yellow (31%)
- Blue (32%)



- Cyan (0%)
- Magenta (50%)
- Yellow (48%)
- Black (38%)



- Cyan (38%)
- Magenta (69%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YUV color 101.9630, -10.3348, 48.2674 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 101.9630, -10.3348, 48.2674 by changing the saturation by 10% instead.


 101.9630,
-10.3348, 48.2674


 101.9630,
-10.3348, 48.2674


255.0000, 0.0000,
0.0000

 76.2940, -9.0189,
46.2232


 154.5290,
-12.0928, 52.1561


 51.7390, -7.2663,
44.0789


 182.3120,
-12.9718, 54.1004


 25.4230, -4.6455,
43.4790


 204.5280,
-10.6133, 44.2639

 15.2490, -7.5178,
31.3536

 224.1560, -6.4859,
27.0502

 2.3920, -1.1793,
4.9182

 244.3710, -2.6479,
9.3216

 0.0000, 0.0000,
0.0000

■ 101.9630,
-10.3348, 48.2674

■ 101.9630,
-10.3348, 48.2674

■ 90.8610, -12.2565,
58.0039

■ 113.0650, -8.4130,
38.5310

■ 80.3460, -14.4676,
67.2256

■ 123.5800, -6.2019,
29.3093

■ 69.2440, -16.3893,
76.9620

■ 134.6820, -4.2802,
19.5729

■ 58.1420, -18.3110,
86.6985

■ 145.7840, -2.3585,
9.8364

■ 47.6270, -20.5221,
95.9201

■ 157.0000, 0.0000,
0.0000

■ 167.5150, 2.2111,
-9.2217

■ 178.6170, 4.1328,
-18.9581

■ 189.7190, 6.0545,

-28.6946

■ 200.2340, 8.2656,
-37.9162

Harmonies

Analogous

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



103.3010, 3.7956, 42.7090



101.9630, -10.3348, 48.2674



101.4060, -22.3852, 39.9859

Triad

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



101.9630, -10.3348, 48.2674



92.1650, -13.8853, -26.4547



86.1320, 36.4169, -60.6288

Complementary

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



101.9630, -10.3348, 48.2674



133.0370, 10.3348, -48.2674

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.



83.7900, 31.6555, -73.4838



101.9630, -10.3348, 48.2674



78.6940, 7.0529, -69.0146

Square

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



101.9630, -10.3348, 48.2674



96.9420, -25.6074, 0.0509



82.7010, 19.8674, -72.5288



101.9320, 26.6555, -9.5874

Rectangle

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



101.9630, -10.3348, 48.2674



100.3740, -27.2994, 29.4900



82.7010, 19.8674, -72.5288



82.5820, 37.1811, -72.4244

Sweetspot

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



101.9630, -10.3348, 48.2674



182.4970, -3.6960, 18.8581



109.4310, 23.4515, 38.2100



89.3820, -2.6533, 11.0660



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.



101.9630, -10.3348, 48.2674



118.9340, -16.2365, 74.6029



122.7530, -22.0632, 30.0346



73.3920, -1.1793, 4.9182



43.3270, -18.8952, 87.4132



4.5990, -1.7743, 9.1217

Inverse Universe

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



101.9630, -10.3348, 48.2674



118.9340, -16.2365, 74.6029



112.2470, 22.0632, -30.0346



73.3920, -1.1793, 4.9182



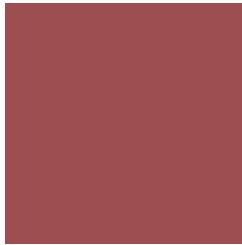
43.3270, -18.8952, 87.4132



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 101.9630, -10.3348, 48.2674 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 101.9630, -10.3348, 48.2674 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 101.9630, -10.3348, 48.2674

Background



This preview shows how black text looks on a background with the YUV color 101.9630, -10.3348, 48.2674.



This preview shows how white text looks on a background with the YUV color 101.9630, -10.3348,

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

101.9630, -10.3348, 48.2674

Protanopia

102.1700, -4.5208, 3.3589

Deuteranopia

102.2980, -11.9789, 15.5247



Tritanopia

102.1910, -9.4612, 48.0675

Trichromacy



Original Color

101.9630, -10.3348, 48.2674

Protanomaly

102.1120, -6.4642, 20.0728

Deuteranomaly

102.1900, -11.4327, 27.0204

Tritanomaly

102.0770, -9.8980, 48.1675

Monochromacy



Original Color

101.9630, -10.3348, 48.2674

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.7850, -3.8380, 17.7286

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.9630, -10.3348, 48.2674 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(157, 78, 81)` looks like.

```
.text, #text, p{  
    color:rgb(157, 78, 81)  
}
```

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(157, 78, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 78, 81) }
```

Border

The CSS property to change the border of an element to YUV 101.9630, -10.3348, 48.2674 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(157, 78, 81) }
```


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

```
.border{ border-color:rgb(157, 78, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 78, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 78, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 78, 81);  
box-shadow:4px 4px 4px 4px rgb(157, 78,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 101.9630, -10.3348, 48.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 78, 81) }
```

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

```
.background{ background-color: rgb(157, 78,  
81) }
```

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