

Converting Colors

YUV(101.7440, -15.1568,
8.1175)

Have a look what the booklet for
YUV(101.7440, -15.1568, 8.1175)
contains.

YUV(101.7440, -15.1568, 8.1175)	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(101.7440, -15.1568,
8.1175)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6747
RGB	111, 103, 71
RGB Percent	44%, 40%, 28%
CMY	0.5647, 0.5961, 0.7216
CMYK	0.00, 0.07, 0.36, 0.56
HSL	48°, 22%, 36%
HSV	48°, 36%, 44%
XYZ	12.5431, 13.5349, 7.9126
YIQ	101.7440, 15.0400, -8.2560

Conversions

Conversions Part 2

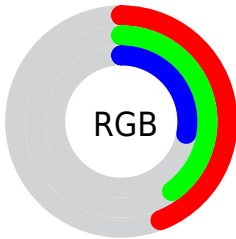
Format	Color
RYB	81, 111, 71
Decimal	7300935
CIELab	43.56, -2.16, 19.23
CIELCh	44, 19.346, 96.399
Yxy	13.5349, 0.3690, 0.3982
Android (android.graphics.Color)	4285491015 (0xFF6F6747)
YUV	101.7440, -15.1568, 8.1175
Hunter-Lab	36.7899, -3.5245, 13.0010

Details

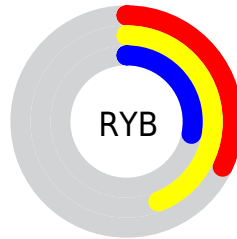
The YUV color **101.7440, -15.1568, 8.1175** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **80.2560, 15.1568, -8.1175**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.8150, -16.1778, 8.9322**, and **54.4880, -13.5516, 6.5880** is the 20% darker color. If you saturate the color by 10%, you get **99.3160, -19.3828, 10.2469**, and if you desaturate by 10%, it is **104.1720, -10.9308, 5.9882**.

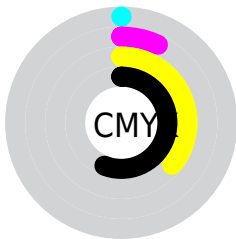
Distribution



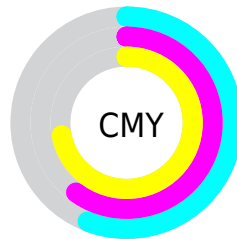
- Red (44%)
- Green (40%)
- Blue (28%)



- Red (32%)
- Yellow (44%)
- Blue (28%)



- Cyan (0%)
- Magenta (7%)
- Yellow (36%)
- Black (56%)



- Cyan (56%)
- Magenta (60%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.7440, -15.1568, 8.1175 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 101.7440, -15.1568, 8.1175 by changing the saturation by 10% instead.

■ 101.7440,
-15.1568, 8.1175

■ 101.7440,
-15.1568, 8.1175

■ 255.0000, 0.0000,
0.0000

■ 77.5590, -14.5726,
7.4028

■ 152.8150,
-16.1778, 8.9322

■ 54.4880, -13.5516,
6.5880

■ 180.0000,
-16.7620, 9.6470

■ 32.7330, -15.1514,
6.3732

■ 207.1850,
-17.3462, 10.3618

■ 12.4040, -6.1152,
1.3997

■ 235.1850,
-17.3462, 10.3618

■ 0.0000, 0.0000,
0.0000

■ 251.9220,
-11.7935, 2.6994

■ 101.7440,
-15.1568, 8.1175

■ 101.7440,
-15.1568, 8.1175

■ 99.3160, -19.3828,
10.2469

■ 104.1720,
-10.9308, 5.9882

■ 96.8880, -23.6088,
12.3762

■ 106.6000, -6.7048,
3.8588

■ 93.8730, -27.5454,
15.0204

■ 109.6150, -2.7682,
1.2146

■ 91.4450, -31.7714,
17.1497

■ 112.0430, 1.4578,
-0.9147

■ 89.0170, -35.9974,
19.2791

■ 114.4710, 5.6838,
-3.0441

■ 86.4750, -40.6602,
21.5084

■ 117.0130, 10.3466,
-5.2734

■ 85.4320, -42.1180,
22.4231

■ 120.0280, 14.2832,
-7.9176

■ 122.4560, 18.5092,

-10.0469

■ 124.8840, 22.7352,
-12.1763

Harmonies

Analogous

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



103.3370, -14.4631, 18.9985



101.7440, -15.1568, 8.1175



99.9810, -11.3296, -6.1223

Triad

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



101.7440, -15.1568, 8.1175



95.0970, 12.7702, -36.0421



105.4890, 5.1819, 17.9881

Complementary

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



101.7440, -15.1568, 8.1175



80.2560, 15.1568, -8.1175

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.



105.1220, 11.7719, 4.2780



101.7440, -15.1568, 8.1175



98.1780, 16.6742, -28.2201

Square

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



101.7440, -15.1568, 8.1175



95.4690, 5.1918, -31.9833



102.1630, 16.1886, -12.4210



105.1820, -2.5547, 26.1504

Rectangle

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



101.7440, -15.1568, 8.1175



98.4790, -6.6451, -15.3291



102.1630, 16.1886, -12.4210



105.4500, 7.6661, 14.5143

Sweetspot

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



101.7440, -15.1568, 8.1175



141.4150, -6.1206, 3.1440



83.8720, -2.4019, 23.7913



71.6860, -3.7892, 2.0294



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



101.7440, -15.1568, 8.1175



130.8880, -23.6088, 12.3762



102.8520, -15.7030, -3.3782



54.7290, -2.3314, 1.1147



92.2320, -45.4704, 24.3525



190.0790, -93.7089, 49.9197

Inverse Universe

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



80.2560, 15.1568, -8.1175



97.1120, 23.6088, -12.3762



79.1480, 15.7030, 3.3782



51.8580, 2.0420, -1.6295



27.7680, 45.4704, -24.3525



56.9210, 93.7089, -49.9197

Previews

White Background



This preview shows how the YUV color 101.7440, -15.1568, 8.1175 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 101.7440, -15.1568, 8.1175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

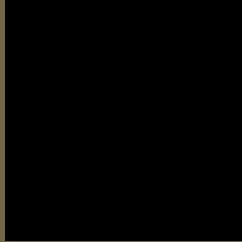
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.7440, -15.1568, 8.1175

Background



This preview shows how black text looks on a background with the YUV color 101.7440, -15.1568, 8.1175.



This preview shows how white text looks on a background with the YUV color 101.7440, -15.1568, 8.1175.

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

101.7440, -15.1568, 8.1175

Protanopia

101.7440, -15.1568, 8.1175

Deuteranopia

103.0980, -15.3313, 17.4541



Tritanopia

104.5820, 0.6991, 9.1366

Trichromacy



Original Color

101.7440, -15.1568, 8.1175

Protanomaly

101.7440, -15.1568, 8.1175

Deuteranomaly

102.4890, -15.0311, 14.4801

Tritanomaly

103.3880, -5.1213, 9.3067

Monochromacy



Original Color

101.7440, -15.1568, 8.1175

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.6430, -5.2470, 2.9441

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.7440, -15.1568, 8.1175 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(111, 103, 71)` looks like.

```
.text, #text, p{  
    color:rgb(111, 103, 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(111, 103, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 103, 71) }
```

Border

The CSS property to change the border of an element to YUV 101.7440, -15.1568, 8.1175 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(111, 103, 71) }
```


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

```
.border{ border-color:rgb(111, 103, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 103, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 103, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 103, 71);  
box-shadow:4px 4px 4px 4px rgb(111, 103,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 101.7440, -15.1568, 8.1175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 103, 71) }
```

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

```
.background{ background-color: rgb(111,  
103, 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](#).

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