

Converting Colors

YUV(71.3160, -15.9318,
23.4019)

Have a look what the booklet for
YUV(71.3160, -15.9318, 23.4019)
contains.

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Color

**YUV(71.3160, -15.9318,
23.4019)**

Conversions

Conversions Part 1

Format	Color
Hex	624027
RGB	98, 64, 39
RGB Percent	38%, 25%, 15%
CMY	0.6157, 0.7490, 0.8471
CMYK	0.00, 0.35, 0.60, 0.62
HSL	25°, 43%, 27%
HSV	25°, 60%, 38%
XYZ	7.2366, 6.4099, 2.7753
YIQ	71.3160, 28.2890, -0.5670

Conversions

Conversions Part 2

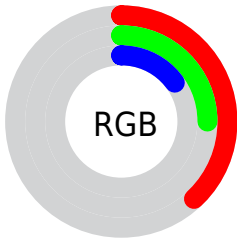
Format	Color
RYB	98, 82, 39
Decimal	6438951
CIELab	30.42, 11.81, 21.18
CIELCh	30, 24.255, 60.848
Yxy	6.4099, 0.4407, 0.3903
Android (android.graphics.Color)	4284629031 (0xFF624027)
YUV	71.3160, -15.9318, 23.4019
Hunter-Lab	25.3179, 6.7144, 11.2233

Details

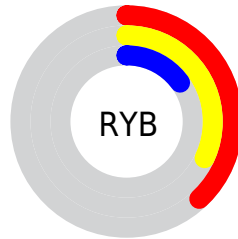
The YUV color **71.3160, -15.9318, 23.4019** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **65.6840, 15.9318, -23.4019**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.5830, -17.5424, 26.6757**, and **26.9780, -13.3002, 19.3133** is the 20% darker color. If you saturate the color by 10%, you get **66.6540, -18.5634, 27.4904**, and if you desaturate by 10%, it is **75.9780, -13.3002, 19.3133**.

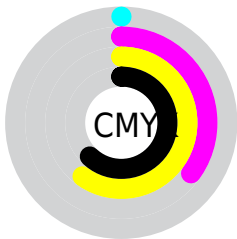
Distribution



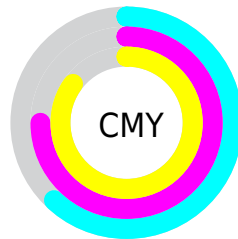
- Red (38%)
- Green (25%)
- Blue (15%)



- Red (38%)
- Yellow (32%)
- Blue (15%)



- Cyan (0%)
- Magenta (35%)
- Yellow (60%)
- Black (62%)



- Cyan (62%)
- Magenta (75%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.3160, -15.9318, 23.4019 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 71.3160, -15.9318, 23.4019 by changing the saturation by 10% instead.

■ 71.3160, -15.9318,
23.4019

■ 71.3160, -15.9318,
23.4019

■ 255.0000, 0.0000,
0.0000

■ 48.5330, -15.0528,
21.4576

■ 120.5830,
-17.5424, 26.6757

■ 26.9780, -13.3002,
19.3133

■ 146.0670,
-18.2740, 28.0052

■ 7.7740, -3.8326,
15.9842

■ 173.4370,
-19.4424, 29.4348

■ 0.0000, 0.0000,
0.0000

■ 200.7360,
-19.5898, 30.0495

■ 226.2300,
-18.8474, 25.2313

■ 245.8580,

-14.7200, 8.0175

253.7460, -4.8048,
1.0998

71.3160, -15.9318,
23.4019

71.3160, -15.9318,
23.4019

66.6540, -18.5634,
27.4904

75.9780, -13.3002,
19.3133

62.5790, -21.4844,
31.0642

80.0530, -10.3791,
15.7395

58.0310, -23.6793,
35.0528

84.6010, -8.1843,
11.7509

53.9560, -26.6003,
38.6266

89.2630, -5.5527,
7.6623

93.3380, -2.6316,
4.0886

■ 98.0000, 0.0000,
0.0000

■ 102.6620, 2.6316,
-4.0886

■ 106.6230, 5.1159,
-7.5624

■ 111.2850, 7.7475,
-11.6509

Harmonies

Analogous

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



72.0810, -9.4069, 30.6240



71.3160, -15.9318, 23.4019



70.2560, -18.3672, 11.1765

Triad

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



71.3160, -15.9318, 23.4019



56.0540, 7.8614, -48.2824



72.7240, 15.4191, 1.1191

Complementary

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



71.3160, -15.9318, 23.4019



65.6840, 15.9318, -23.4019

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.



67.8350, 20.2943, -22.6573



71.3160, -15.9318, 23.4019



57.8070, 15.8711, -50.6967

Square

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



71.3160, -15.9318, 23.4019



64.9620, -5.8973, -21.8917



57.6420, 22.8545, -50.5520



74.1840, 7.7973, 19.1326

Rectangle

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



71.3160, -15.9318, 23.4019



68.9450, -16.7349, 0.9252



57.6420, 22.8545, -50.5520



71.8370, 17.3354, -6.8730

Sweetspot

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



71.3160, -15.9318, 23.4019



117.1600, -5.9949, 9.5067



60.5170, 6.1541, 32.8726



57.7080, -3.8000, 5.5181



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



71.3160, -15.9318, 23.4019



86.4010, -24.8477, 36.4823



88.3390, -24.3241, 8.4727



46.3700, -1.1684, 1.4295



61.6640, -30.4004, 44.1447



131.6340, -64.8956, 95.0370

Inverse Universe

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



65.6840, 15.9318, -23.4019



77.5990, 24.8477, -36.4823



48.6610, 24.3241, -8.4727



45.6300, 1.1684, -1.4295



50.9230, 30.1110, -44.6595



108.3660, 64.8956, -95.0370

Previews

White Background



This preview shows how the YUV color 71.3160, -15.9318, 23.4019 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 ✓ Pass

Black Background



This preview shows how the YUV color 71.3160, -15.9318, 23.4019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

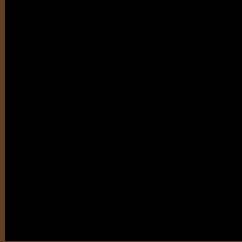
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.3160, -15.9318, 23.4019

Background



This preview shows how black text looks on a background with the YUV color 71.3160, -15.9318, 23.4019.



This preview shows how white text looks on a background with the YUV color 71.3160, -15.9318,

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

71.3160, -15.9318, 23.4019

Protanopia

70.6730, -14.1358, 7.3028

Deuteranopia

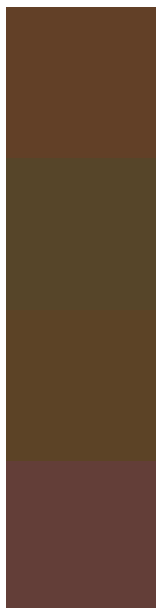
71.1470, -16.3415, 14.7801



Tritanopia

73.1170, -4.0017, 23.5764

Trichromacy



Original Color

71.3160, -15.9318, 23.4019

Protanomaly

70.8910, -14.7363, 13.2506

Deuteranomaly

71.1690, -16.3523, 18.2688

Tritanomaly

72.3790, -8.0748, 23.3466

Monochromacy



Original Color

71.3160, -15.9318, 23.4019

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8610, -5.8475, 8.8919

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.3160, -15.9318, 23.4019 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(98, 64, 39) looks like.

```
.text, #text, p{  
    color:rgb(98, 64, 39)  
}
```

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(98, 64, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 64, 39) }
```

Border

The CSS property to change the border of an element to YUV 71.3160, -15.9318, 23.4019 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(98, 64, 39) }
```


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

```
.border{ border-color:rgb(98, 64, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 64, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 64, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 64, 39);  
box-shadow:4px 4px 4px 4px rgb(98, 64, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.3160, -15.9318, 23.4019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 64, 39) }
```

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

```
.background{ background-color: rgb(98, 64,  
39) }
```

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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