

Converting Colors

YUV(71.3850, -16.9518,
70.6994)

Have a look what the booklet for
YUV(71.3850, -16.9518, 70.6994)
contains.

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Color

**YUV(71.3850, -16.9518,
70.6994)**

Conversions

Conversions Part 1

Format	Color
Hex	982525
RGB	152, 37, 37
RGB Percent	60%, 15%, 15%
CMY	0.4039, 0.8549, 0.8549
CMYK	0.00, 0.76, 0.76, 0.40
HSL	0°, 61%, 37%
HSV	0°, 76%, 60%
XYZ	13.9444, 8.1321, 2.5850
YIQ	71.3850, 68.5400, 24.3800

Conversions

Conversions Part 2

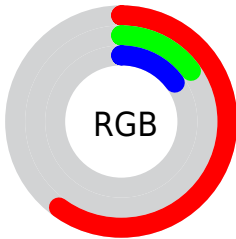
Format	Color
RYB	152, 37, 37
Decimal	9970981
CIELab	34.26, 47.09, 29.17
CIELCh	34, 55.388, 31.777
Yxy	8.1321, 0.5654, 0.3297
Android (android.graphics.Color)	4288161061 (0xFF982525)
YUV	71.3850, -16.9518, 70.6994
Hunter-Lab	28.5169, 37.3798, 14.5873

Details

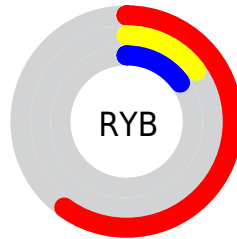
The YUV color **71.3850, -16.9518, 70.6994** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **117.6150, 16.9518, -70.6994**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.1530, -21.7674, 75.2878**, and **27.8070, -13.7089, 57.1743** is the 20% darker color. If you saturate the color by 10%, you get **60.8700, -19.1629, 79.9210**, and if you desaturate by 10%, it is **81.9000, -14.7407, 61.4777**.

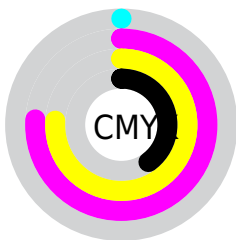
Distribution



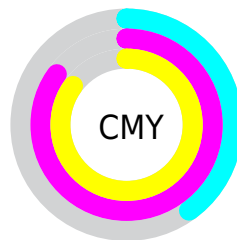
- Red (60%)
- Green (15%)
- Blue (15%)



- Red (60%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (76%)
- Yellow (76%)
- Black (40%)



- Cyan (40%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.3850, -16.9518, 70.6994 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 71.3850, -16.9518, 70.6994 by changing the saturation by 10% instead.

■ 71.3850, -16.9518,
70.6994

■ 71.3850, -16.9518,
70.6994

255.0000, 0.0000,
0.0000

■ 38.3020, -10.9949,
73.4031

■ 126.1530,
-21.7674, 75.2878

■ 27.8070, -13.7089,
57.1743

■ 154.0070,
-23.6675, 78.0469

■ 19.4350, -9.5815,
39.9605

■ 176.4080,
-21.8931, 68.9252

■ 10.8780, -4.8699,
22.0320

■ 195.8080,
-18.6393, 51.9114

■ 0.0000, 0.0000,
0.0000

■ 215.3220,
-14.9487, 34.7976

■ 235.5370,

-11.1107, 17.0691

253.4040, -6.1152,
1.3997

71.3850, -16.9518,
70.6994

71.3850, -16.9518,
70.6994

60.8700, -19.1629,
79.9210

81.9000, -14.7407,
61.4777

50.3550, -21.3740,
89.1427

92.4150, -12.5296,
52.2560

45.4480, -22.4059,
93.4461

103.6310,
-10.1711, 42.4196

114.1460, -7.9600,
33.1980

124.6610, -5.7489,
23.9763

■ 135.1760, -3.5378,
14.7546

■ 145.6910, -1.3267,
5.5330

■ 156.9070, 1.0318,
-4.3034

■ 167.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



68.3790, 5.7292, 75.9666



71.3850, -16.9518, 70.6994



74.6770, -36.8158, 48.5183

Triad

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



71.3850, -16.9518, 70.6994



60.9290, -12.7830, -53.4347



69.8620, 49.3680, -61.2690

Complementary

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



71.3850, -16.9518, 70.6994



117.6150, 16.9518, -70.6994

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.



74.3640, 41.2325, -65.2172



71.3850, -16.9518, 70.6994



67.4610, 7.1677, -59.1633

Square

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



71.3850, -16.9518, 70.6994



68.6660, -33.8523, -15.4931



72.4770, 26.3868, -63.5623



80.7340, 37.1061, -1.5207

Rectangle

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



71.3850, -16.9518, 70.6994



76.0290, -37.4823, 28.9156



72.4770, 26.3868, -63.5623



72.0960, 47.7737, -63.2282

Sweetspot

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



71.3850, -16.9518, 70.6994



164.4550, -6.6333, 27.6650



84.4950, 33.2800, 59.2019



80.0730, -3.9800, 16.5990



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



71.3850, -16.9518, 70.6994



71.2220, -26.2384, 109.4303



105.4310, -33.7365, 40.8410



71.3920, -1.1793, 4.9182



41.8600, -20.6370, 86.0688



3.8870, -1.9163, 7.9921

Inverse Universe

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



117.6150, 16.9518, -70.6994



142.7780, 26.2384, -109.4303



84.1560, 33.4471, -41.3558



74.6080, 1.1793, -4.9182



98.1400, 20.6370, -86.0688



9.1130, 1.9163, -7.9921

Previews

White Background



This preview shows how the YUV color 71.3850, -16.9518, 70.6994 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 71.3850, -16.9518, 70.6994 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 71.3850, -16.9518, 70.6994

Background



This preview shows how black text looks on a background with the YUV color 71.3850, -16.9518, 70.6994.



This preview shows how white text looks on a background with the YUV color 71.3850, -16.9518,

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

71.3850, -16.9518, 70.6994

Protanopia

80.5590, -14.5726, 7.4028

Deuteranopia

79.5900, -24.9409, 19.6536



Tritanopia

71.4990, -16.5150, 70.5994

Trichromacy



Original Color

71.3850, -16.9518, 70.6994

Protanomaly

77.4740, -15.5167, 30.2793

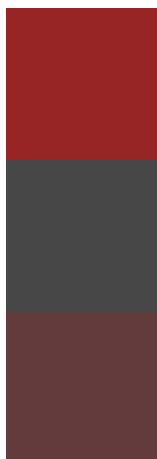
Deuteranomaly

76.5090, -21.9429, 38.1416

Tritanomaly

71.4990, -16.5150, 70.5994

Monochromacy



Original Color

71.3850, -16.9518, 70.6994

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.2590, -6.0437, 25.2059

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.3850, -16.9518, 70.6994 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(152, 37, 37)` looks like.

```
.text, #text, p{  
    color:rgb(152, 37, 37)  
}
```

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(152, 37, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 37, 37) }
```

Border

The CSS property to change the border of an element to YUV 71.3850, -16.9518, 70.6994 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(152, 37, 37) }
```


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

```
.border{ border-color:rgb(152, 37, 37) }
```

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

Here you see how a box with a 4 pixel rgb(152, 37, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 37, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 37, 37);  
box-shadow:4px 4px 4px 4px rgb(152, 37,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 71.3850, -16.9518, 70.6994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 37, 37) }
```

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

```
.background{ background-color: rgb(152, 37,  
37) }
```

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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