

Converting Colors

YUV(70.3970, -15.4787,
18.0688)

Have a look what the booklet for
YUV(70.3970, -15.4787, 18.0688)
contains.

YUV(70.3970, -15.4787, 18.0688)	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(70.3970, -15.4787,
18.0688)**

Conversions

Conversions Part 1

Format	Color
Hex	5B4227
RGB	91, 66, 39
RGB Percent	36%, 26%, 15%
CMY	0.6431, 0.7412, 0.8471
CMYK	0.00, 0.27, 0.57, 0.64
HSL	31°, 40%, 25%
HSV	31°, 57%, 36%
XYZ	6.6288, 6.2671, 2.7797
YIQ	70.3970, 23.5670, -3.0970

Conversions

Conversions Part 2

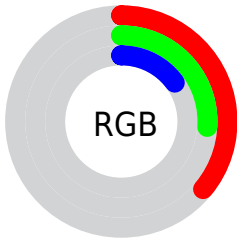
Format	Color
RYB	87, 91, 39
Decimal	5980711
CIELab	30.08, 7.21, 20.55
CIElCh	30, 21.778, 70.679
Yxy	6.2671, 0.4229, 0.3998
Android (android.graphics.Color)	4284170791 (0xFF5B4227)
YUV	70.3970, -15.4787, 18.0688
Hunter-Lab	25.0341, 3.4556, 10.9404

Details

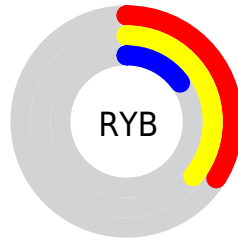
The YUV color **70.3970, -15.4787, 18.0688** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **59.6030, 15.4787, -18.0688**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.3650, -16.9419, 20.7279**, and **26.6570, -13.1419, 15.2098** is the 20% darker color. If you saturate the color by 10%, you get **67.0230, -18.2523, 21.0278**, and if you desaturate by 10%, it is **73.7710, -12.7051, 15.1098**.

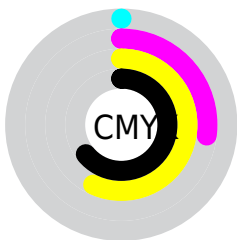
Distribution



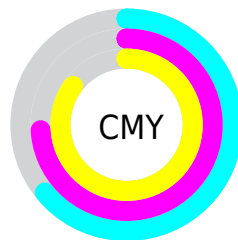
- Red (36%)
- Green (26%)
- Blue (15%)



- Red (34%)
- Yellow (36%)
- Blue (15%)



- Cyan (0%)
- Magenta (27%)
- Yellow (57%)
- Black (64%)



- Cyan (64%)
- Magenta (74%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.3970, -15.4787, 18.0688 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 70.3970, -15.4787, 18.0688 by changing the saturation by 10% instead.

70.3970, -15.4787,
18.0688

70.3970, -15.4787,
18.0688

255.0000, 0.0000,
0.0000

47.6140, -14.5997,
16.1245

119.3650,
-16.9419, 20.7279

26.6570, -13.1419,
15.2098

144.8490,
-17.6736, 22.0574

5.3820, -2.6533,
11.0660

171.9200,
-18.6946, 22.8722

0.0000, 0.0000,
0.0000

199.2190,
-18.8420, 23.4869

227.4040,
-19.4262, 24.2017

247.0320,

-15.2988, 6.9879

253.7460, -4.8048,
1.0998

70.3970, -15.4787,
18.0688

70.3970, -15.4787,
18.0688

67.0230, -18.2523,
21.0278

73.7710, -12.7051,
15.1098

63.0620, -20.7366,
24.5016

77.7320, -10.2209,
11.6360

59.6880, -23.5102,
27.4606

81.1060, -7.4473,
8.6770

56.3140, -26.2838,
30.4196

85.0670, -4.9630,
5.2032

54.7980, -27.0154,
31.7492

88.5550, -1.7526,
2.1443

■ 91.9290, 1.0210,
-0.8147

■ 95.8900, 3.5052,
-4.2885

■ 99.2640, 6.2788,
-7.2475

■ 102.6380, 9.0525,
-10.2065

Harmonies

Analogous

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



71.1190, -10.4117, 26.2056



70.3970, -15.4787, 18.0688



69.2060, -15.8776, 5.9583

Triad

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



70.3970, -15.4787, 18.0688



56.9340, 9.8925, -46.4231



72.5460, 12.0558, 6.5372

Complementary

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



70.3970, -15.4787, 18.0688



59.6030, 15.4787, -18.0688

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.



69.6900, 16.9148, -12.0061



70.3970, -15.4787, 18.0688



56.8610, 17.3235, -49.8671

Square

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



70.3970, -15.4787, 18.0688



63.5640, -2.2501, -25.0506



63.1170, 19.1693, -35.1826



72.9840, 4.4449, 21.0620

Rectangle

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



70.3970, -15.4787, 18.0688



67.8350, -13.2297, -3.3633



63.1170, 19.1693, -35.1826



71.9690, 13.8193, 0.9042

Sweetspot

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



70.3970, -15.4787, 18.0688



109.4370, -6.1314, 6.6328



57.3980, 3.2548, 29.4690



54.1100, -3.5052, 4.2885



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



70.3970, -15.4787, 18.0688



84.8730, -24.0944, 28.1754



84.7730, -22.5661, 4.5841



44.2560, -1.6052, 1.5295



66.3490, -32.7101, 38.2819



143.0640, -70.5306, 82.3819

Inverse Universe

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



59.6030, 15.4787, -18.0688



68.1270, 24.0944, -28.1754



45.2270, 22.5661, -4.5841



43.3310, 1.3158, -2.0443



43.6510, 32.7101, -38.2819



93.9360, 70.5306, -82.3819

Previews

White Background



This preview shows how the YUV color 70.3970, -15.4787, 18.0688 looks on a white background.

Color Contrast Check

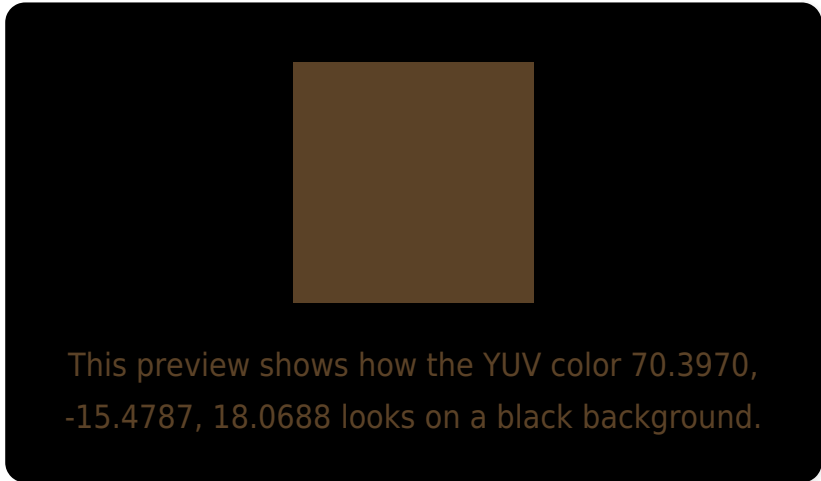
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

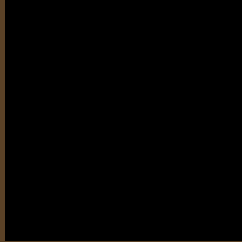
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.3970, -15.4787, 18.0688

Background



This preview shows how black text looks on a background with the YUV color 70.3970, -15.4787, 18.0688.

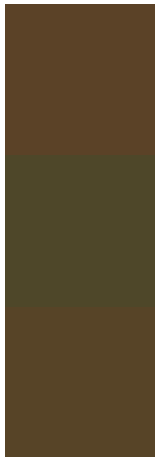


This preview shows how white text looks on a background with the YUV color 70.3970, -15.4787,

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

70.3970, -15.4787, 18.0688

Protanopia

69.6730, -14.1358, 7.3028

Deuteranopia

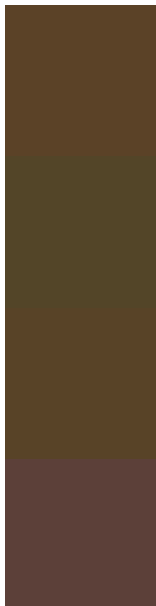
70.3750, -15.4679, 14.5801



Tritanopia

72.4260, -2.6750, 18.0434

Trichromacy



Original Color

70.3970, -15.4787, 18.0688

Protanomaly

69.8800, -14.7308, 11.5062

Deuteranomaly

70.0870, -15.3259, 15.7097

Tritanomaly

71.5740, -7.1850, 17.9136

Monochromacy



Original Color

70.3970, -15.4787, 18.0688

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.5510, -5.6946, 6.5328

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.3970, -15.4787, 18.0688 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(91, 66, 39) looks like.

```
.text, #text, p{  
    color:rgb(91, 66, 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(91, 66, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 66, 39) }
```

Border

The CSS property to change the border of an element to YUV 70.3970, -15.4787, 18.0688 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(91, 66, 39) }
```


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

```
.border{ border-color:rgb(91, 66, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 66, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 66, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 66, 39);  
box-shadow:4px 4px 4px 4px rgb(91, 66, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.3970, -15.4787, 18.0688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 66, 39) }
```

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

```
.background{ background-color: rgb(91, 66,  
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](#).

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