

Converting Colors

YUV(69.4070, -23.8647,
47.8781)

Have a look what the booklet for
YUV(69.4070, -23.8647, 47.8781)
contains.

YUV(69.4070, -23.8647, 47.8781)	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(69.4070, -23.8647,
47.8781)**

Conversions

Conversions Part 1

Format	Color
Hex	7C3315
RGB	124, 51, 21
RGB Percent	49%, 20%, 8%
CMY	0.5137, 0.8000, 0.9176
CMYK	0.00, 0.59, 0.83, 0.51
HSL	17°, 71%, 28%
HSV	17°, 83%, 49%
XYZ	9.6314, 6.7069, 1.4964
YIQ	69.4070, 53.1380, 6.1460

Conversions

Conversions Part 2

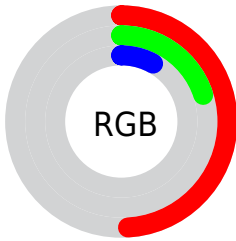
Format	Color
R_{YB}	124, 63, 21
Decimal	8139541
CIE Lab	31.13, 29.96, 33.35
CIE LCh	31, 44.832, 48.068
Yxy	6.7069, 0.5400, 0.3761
Android (android.graphics.Color)	4286329621 (0xFF7C3315)
YUV	69.4070, -23.8647, 47.8781
Hunter-Lab	25.8976, 21.0635, 14.7025

Details

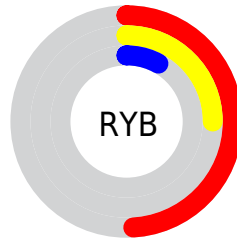
The YUV color **69.4070, -23.8647, 47.8781** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **75.5930, 23.8647, -47.8781**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.6420, -26.9385, 53.8110**, and **21.5060, -10.6025, 40.7752** is the 20% darker color. If you saturate the color by 10%, you get **62.7560, -26.5017, 53.7110**, and if you desaturate by 10%, it is **76.0580, -21.2276, 42.0451**.

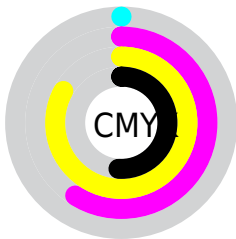
Distribution



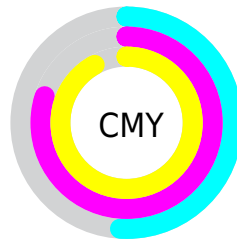
- Red (49%)
- Green (20%)
- Blue (8%)



- Red (49%)
- Yellow (25%)
- Blue (8%)



- Cyan (0%)
- Magenta (59%)
- Yellow (83%)
- Black (51%)



- Cyan (51%)
- Magenta (80%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.4070, -23.8647, 47.8781 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 69.4070, -23.8647, 47.8781 by changing the saturation by 10% instead.

■ 69.4070, -23.8647,
47.8781

■ 69.4070, -23.8647,
47.8781

■ 254.6580, -1.3104,
0.2999

■ 44.5530, -21.9646,
45.1190

■ 120.6420,
-26.9385, 53.8110

■ 21.5060, -10.6025,
40.7752

■ 146.7240,
-27.9649, 56.3701

■ 13.2700, -6.0491,
26.9502

■ 174.3930,
-29.2807, 58.4143

■ 0.0000, 0.0000,
0.0000

■ 197.3920,
-27.8013, 50.5222

■ 216.7920,
-24.5475, 33.5084

■ 236.4200,

-20.4201, 16.2947

■ 251.3520,
-13.9775, 3.1993

■ 69.4070, -23.8647,
47.8781

■ 69.4070, -23.8647,
47.8781

■ 62.7560, -26.5017,
53.7110

■ 76.0580, -21.2276,
42.0451

■ 58.2080, -28.6965,
57.6996

■ 82.8230, -18.1537,
36.1122

■ 88.8870, -15.2273,
30.7941

■ 95.6520, -12.1534,
24.8612

■ 102.3030, -9.5164,
19.0283

■ 108.9540, -6.8793,
13.1953

■ 115.7190, -3.8055,
7.2624

■ 121.7830, -0.8790,
1.9443

■ 128.5480, 2.1948,
-3.9886

Harmonies

Analogous

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



68.2400, -7.0203, 58.5485



69.4070, -23.8647, 47.8781



69.5280, -34.2773, 27.6009

Triad

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



69.4070, -23.8647, 47.8781



58.2680, -0.1321, -51.1010



68.7110, 35.1455, -26.0565

Complementary

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



69.4070, -23.8647, 47.8781



75.5930, 23.8647, -47.8781

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.



63.7350, 38.5846, -55.8956



69.4070, -23.8647, 47.8781



62.9590, 15.3032, -55.2150

Square

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



69.4070, -23.8647, 47.8781



59.2800, -18.3790, -31.8176



65.3190, 29.4227, -57.2848



75.1040, 22.6267, 22.7108

Rectangle

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



69.4070, -23.8647, 47.8781



68.2440, -33.6443, 11.1870



65.3190, 29.4227, -57.2848



59.7400, 41.0472, -52.3920

Sweetspot

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



69.4070, -23.8647, 47.8781



139.3030, -9.5164, 19.0283



60.2330, 17.1401, 55.9237



68.5840, -5.7109, 11.7658



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



69.4070, -23.8647, 47.8781



75.7280, -37.3339, 74.7835



99.3440, -38.6236, 21.6233



57.9680, -1.4632, 2.6591



58.5070, -28.8440, 58.3144



118.7860, -58.5615, 116.8287

Inverse Universe

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



75.5930, 23.8647, -47.8781



85.2720, 37.3339, -74.7835



45.6560, 38.6236, -21.6233



58.0320, 1.4632, -2.6591



66.4930, 28.8440, -58.3144



133.8010, 58.2721, -117.3435

Previews

White Background



This preview shows how the YUV color 69.4070, -23.8647, 47.8781 looks on a white background.

Color Contrast Check

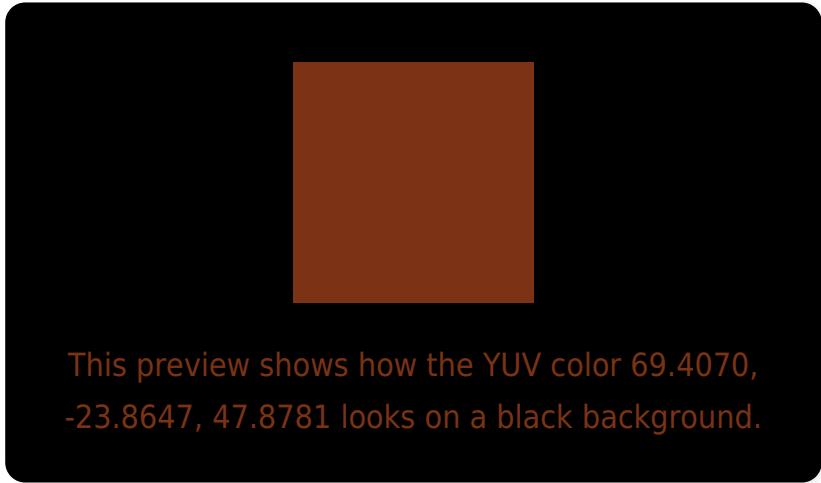
Large Text (above 18pt) WCAG AA ✓ Pass

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

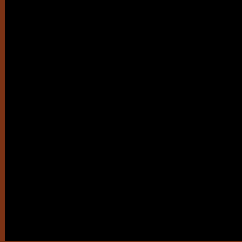
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.4070, -23.8647, 47.8781

Background



This preview shows how black text looks on a background with the YUV color 69.4070, -23.8647, 47.8781.



This preview shows how white text looks on a background with the YUV color 69.4070, -23.8647,

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

69.4070, -23.8647, 47.8781

Protanopia

71.3330, -21.8562, 10.2320

Deuteranopia

70.6780, -28.4353, 20.4534



Tritanopia

71.3650, -10.0399, 47.0379

Trichromacy



Original Color

69.4070, -23.8647, 47.8781

Protanomaly

70.8940, -22.6257, 23.7720

Deuteranomaly

70.2000, -26.7206, 30.5196

Tritanomaly

70.6980, -15.1341, 47.6229

Monochromacy



Original Color

69.4070, -23.8647, 47.8781

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.9330, -8.3480, 17.5988

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.4070, -23.8647, 47.8781 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(124, 51, 21)` looks like.

```
.text, #text, p{  
    color:rgb(124, 51, 21)  
}
```

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(124, 51, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 51, 21) }
```

Border

The CSS property to change the border of an element to YUV 69.4070, -23.8647, 47.8781 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(124, 51, 21) }
```


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

```
.border{ border-color:rgb(124, 51, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 51, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 51, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 51, 21);  
box-shadow:4px 4px 4px 4px rgb(124, 51,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 69.4070, -23.8647, 47.8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 51, 21) }
```

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

```
.background{ background-color: rgb(124, 51,  
21) }
```

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