

Converting Colors

YUV(69.4450, -15.0094, 7.5027)

Have a look what the booklet for
YUV(69.4450, -15.0094, 7.5027)
contains.

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Color

**YUV(69.4450, -15.0094,
7.5027)**

Conversions

Conversions Part 1

Format	Color
Hex	4E4727
RGB	78, 71, 39
RGB Percent	31%, 28%, 15%
CMY	0.6941, 0.7216, 0.8471
CMYK	0.00, 0.09, 0.50, 0.69
HSL	49°, 33%, 23%
HSV	49°, 50%, 31%
XYZ	5.7613, 6.2727, 2.8265
YIQ	69.4450, 14.4440, -8.4680

Conversions

Conversions Part 2

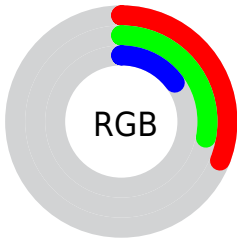
Format	Color
RYB	48, 78, 39
Decimal	5130023
CIELab	30.09, -2.25, 20.25
CIElCh	30, 20.372, 96.353
Yxy	6.2727, 0.3877, 0.4221
Android (android.graphics.Color)	4283320103 (0xFF4E4727)
YUV	69.4450, -15.0094, 7.5027
Hunter-Lab	25.0453, -2.7677, 10.8404




Details

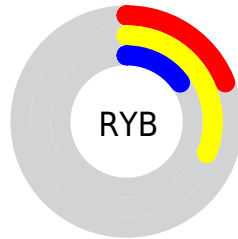
The YUV color **69.4450, -15.0094, 7.5027** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **47.5550, 15.0094, -7.5027**, and the grayscale version is **70.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **117.8150, -16.1778, 8.9322**, and **26.3030, -12.9674, 5.8733** is the 20% darker color. If you saturate the color by 10%, you get **67.9460, -18.2144, 8.8174**, and if you desaturate by 10%, it is **70.9440, -11.8044, 6.1881**.

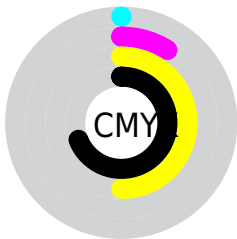
Distribution







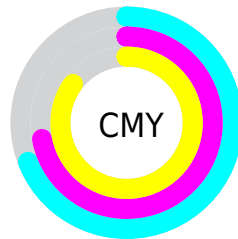
-  Red (31%)
-  Green (28%)
-  Blue (15%)






-  Red (19%)
-  Yellow (31%)
-  Blue (15%)



-  Cyan (0%)
-  Magenta (9%)
-  Yellow (50%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (72%)
-  Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.4450, -15.0094, 7.5027 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 69.4450, -15.0094, 7.5027 by changing the saturation by 10% instead.

■ 69.4450, -15.0094,
7.5027

■ 69.4450, -15.0094,
7.5027

■ 255.0000, 0.0000,
0.0000

■ 46.9610, -14.2778,
6.1732

■ 117.8150,
-16.1778, 8.9322

■ 26.3030, -12.9674,
5.8733

■ 143.5870,
-17.0514, 9.1322

■ 0.5870, -0.2894,
-0.5148

■ 170.1850,
-17.3462, 10.3618

■ 0.0000, 0.0000,
0.0000

■ 197.6580,
-18.0724, 9.9469

■ 225.8430,
-18.6566, 10.6617

■ 250.5540,

-17.0351, 3.8991

■ 253.7460, -4.8048,
1.0998

■ 69.4450, -15.0094,
7.5027

■ 69.4450, -15.0094,
7.5027

■ 67.9460, -18.2144,
8.8174

■ 70.9440, -11.8044,
6.1881

■ 65.8600, -21.1300,
10.6468

■ 73.0300, -8.8888,
4.3587

■ 64.4750, -23.8982,
11.8614

■ 74.4150, -6.1206,
3.1440

■ 62.3890, -26.8138,
13.6908

■ 76.5010, -3.2050,
1.3146

■ 60.8900, -30.0188,
15.0055

■ 78.0000, 0.0000,
0.0000

■ 79.4990, 3.2050,
-1.3146

■ 81.5850, 6.1206,
-3.1440

■ 82.9700, 8.8888,
-4.3587

■ 85.0560, 11.8044,
-6.1881

Harmonies

Analogous

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



71.0380, -14.3157, 18.3837



69.4450, -15.0094, 7.5027



67.3940, -11.0402, -5.6075

Triad

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



69.4450, -15.0094, 7.5027



57.1170, 15.7183, -48.3376



72.9020, 5.4713, 18.5029

Complementary

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



69.4450, -15.0094, 7.5027



47.5550, 15.0094, -7.5027

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.



72.7090, 11.4825, 3.7632



69.4450, -15.0094, 7.5027



63.3730, 17.5641, -33.6531

Square

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



69.4450, -15.0094, 7.5027



60.4900, 6.6604, -36.3867



69.1520, 16.1941, -14.1653



71.9970, -1.9705, 25.4356

Rectangle

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



69.4450, -15.0094, 7.5027



66.1800, -6.4977, -15.9439



69.1520, 16.1941, -14.1653



73.1510, 7.8136, 13.8996

Sweetspot

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



69.4450, -15.0094, 7.5027



98.5290, -5.6838, 3.0441



51.4590, -2.6913, 23.2765



48.8000, -3.3524, 1.9294



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



69.4450, -15.0094, 7.5027



88.5890, -23.4614, 11.7614



69.9660, -15.2662, -3.4782



37.5440, -1.7472, 0.3999



79.8060, -39.3444, 19.4641



179.1260, -88.3091, 44.6165

Inverse Universe

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



47.5550, 15.0094, -7.5027



54.4110, 23.4614, -11.7614



47.0340, 15.2662, 3.4782



35.0430, 1.4578, -0.9147



22.1940, 39.3444, -19.4641



50.2870, 88.5985, -44.1017

Previews

White Background



This preview shows how the YUV color 69.4450, -15.0094, 7.5027 looks on a white background.

Color Contrast Check

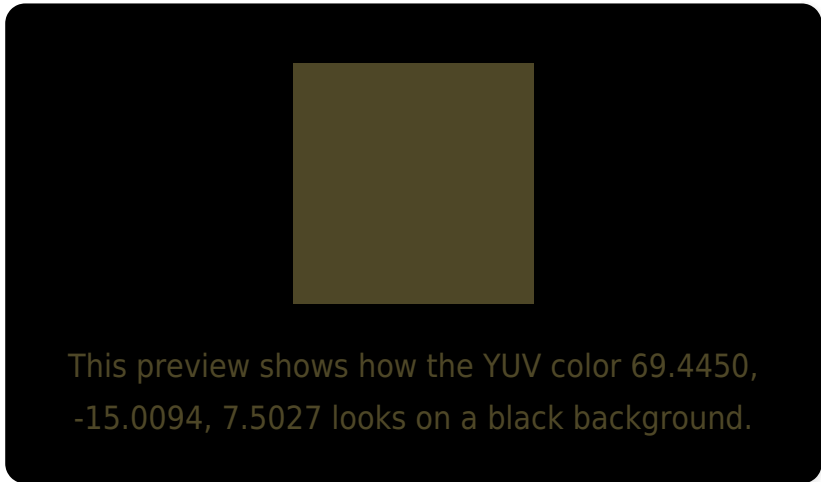
Large Text (above 18pt) WCAG AA ✓ Pass

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

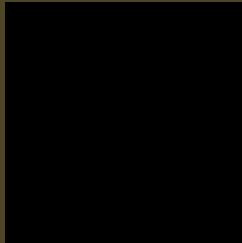
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.4450, -15.0094, 7.5027

Background



This preview shows how black text looks on a background with the YUV color 69.4450, -15.0094, 7.5027.

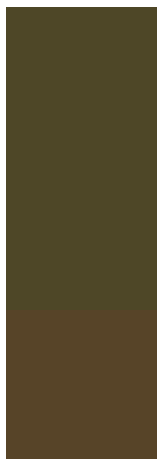


This preview shows how white text looks on a background with the YUV color 69.4450, -15.0094,

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

69.4450, -15.0094, 7.5027

Protanopia

69.4450, -15.0094, 7.5027

Deuteranopia

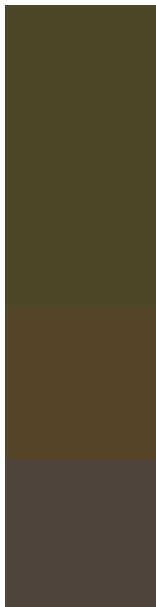
70.4890, -15.0311, 14.4801



Tritanopia

71.7560, 0.1203, 8.1070

Trichromacy



Original Color

69.4450, -15.0094, 7.5027

Protanomaly

69.4450, -15.0094, 7.5027

Deuteranomaly

70.1790, -14.8782, 12.1210

Tritanomaly

70.6760, -5.2633, 8.1771

Monochromacy



Original Color

69.4450, -15.0094, 7.5027

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.2300, -5.5364, 2.4293

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.4450, -15.0094, 7.5027 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(78, 71, 39)` looks like.

```
.text, #text, p{  
    color:rgb(78, 71, 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(78, 71, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 71, 39) }
```

Border

The CSS property to change the border of an element to YUV 69.4450, -15.0094, 7.5027 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(78, 71, 39) }
```


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

```
.border{ border-color:rgb(78, 71, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 71, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 71, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 71, 39);  
box-shadow:4px 4px 4px 4px rgb(78, 71, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.4450, -15.0094, 7.5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 71, 39) }
```

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

```
.background{ background-color: rgb(78, 71,  
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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