

Converting Colors

YUV(70.9550, -11.8098, 7.9325)

Have a look what the booklet for
YUV(70.9550, -11.8098, 7.9325)
contains.

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Color

**YUV(70.9550, -11.8098,
7.9325)**

Conversions

Conversions Part 1

Format	Color
Hex	50472F
RGB	80, 71, 47
RGB Percent	31%, 28%, 18%
CMY	0.6863, 0.7216, 0.8157
CMYK	0.00, 0.11, 0.41, 0.69
HSL	44°, 26%, 25%
HSV	44°, 41%, 31%
XYZ	6.0746, 6.4172, 3.6078
YIQ	70.9550, 13.0680, -5.5560

Conversions

Conversions Part 2

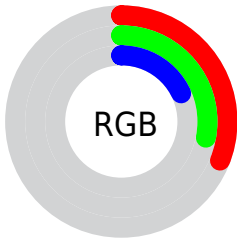
Format	Color
R_{YB}	59, 80, 47
Decimal	5261103
CIE Lab	30.44, -0.27, 15.83
CIE LCh	30, 15.836, 90.981
Yxy	6.4172, 0.3773, 0.3986
Android (android.graphics.Color)	4283451183 (0xFF50472F)
YUV	70.9550, -11.8098, 7.9325
Hunter-Lab	25.3322, -1.5274, 9.2885

Details

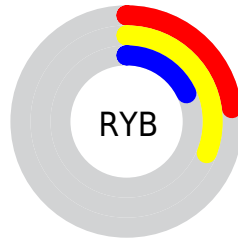
The YUV color **70.9550, -11.8098, 7.9325** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **56.0450, 11.8098, -7.9325**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.3250, -12.9782, 9.3620**, and **27.2000, -13.4096, 7.7176** is the 20% darker color. If you saturate the color by 10%, you get **68.8690, -14.7254, 9.7619**, and if you desaturate by 10%, it is **73.0410, -8.8942, 6.1030**.

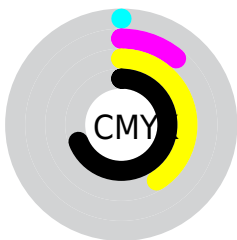
Distribution



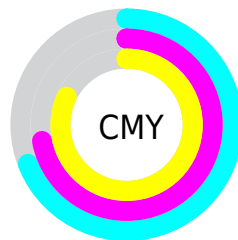
- Red (31%)
- Green (28%)
- Blue (18%)



- Red (23%)
- Yellow (31%)
- Blue (18%)



- Cyan (0%)
- Magenta (11%)
- Yellow (41%)
- Black (69%)



- Cyan (69%)
- Magenta (72%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.9550, -11.8098, 7.9325 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 70.9550, -11.8098, 7.9325 by changing the saturation by 10% instead.

70.9550, -11.8098,
7.9325

70.9550, -11.8098,
7.9325

255.0000, 0.0000,
0.0000

48.7700, -11.2256,
7.2177

119.3250,
-12.9782, 9.3620

27.2000, -13.4096,
7.7176

145.2110,
-13.4150, 9.4620

1.7720, -0.8736,
0.2000

171.5100,
-13.5624, 10.0767

0.0000, 0.0000,
0.0000

199.2820,
-14.4360, 10.2767

227.5810,
-14.5834, 10.8915

251.6940,

-12.6671, 2.8994

254.8860, -0.4368,
0.1000

■ 70.9550, -11.8098,
7.9325

■ 70.9550, -11.8098,
7.9325

■ 68.8690, -14.7254,
9.7619

■ 73.0410, -8.8942,
6.1030

■ 66.7830, -17.6410,
11.5913

■ 75.1270, -5.9786,
4.2736

■ 64.1100, -20.2672,
13.9355

■ 77.8000, -3.3524,
1.9294

■ 62.0240, -23.1828,
15.7650

■ 79.8860, -0.4368,
0.1000

■ 59.9380, -26.0984,
17.5944

■ 81.9720, 2.4788,
-1.7294

■ 57.9660, -28.5772,
19.3238

■ 84.0580, 5.3944,
-3.5589

■ 86.1440, 8.3100,
-5.3883

■ 88.2300, 11.2256,
-7.2177

■ 90.9030, 13.8518,
-9.5619

Harmonies

Analogous

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



71.9390, -10.8159, 15.8395



70.9550, -11.8098, 7.9325



69.7580, -9.7407, -2.4188

Triad

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



70.9550, -11.8098, 7.9325



65.2290, 9.2541, -28.2648



73.4560, 5.1982, 12.7551

Complementary

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



70.9550, -11.8098, 7.9325



56.0450, 11.8098, -7.9325

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.



72.6440, 10.0355, 1.1892



70.9550, -11.8098, 7.9325



67.1740, 12.7322, -23.8316

Square

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



70.9550, -11.8098, 7.9325



65.6550, 3.1281, -23.3764



70.5390, 12.5523, -12.7507



73.5940, -0.7858, 18.7731

Rectangle

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



70.9550, -11.8098, 7.9325



68.6260, -6.2246, -10.1960



70.5390, 12.5523, -12.7507



73.7760, 6.5194, 8.9664

Sweetspot

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



70.9550, -11.8098, 7.9325



101.1700, -4.5208, 3.3589



57.8930, -0.9332, 19.3878



51.9140, -2.9156, 1.8294



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



70.9550, -11.8098, 7.9325



90.1530, -18.8094, 13.0208



74.1450, -13.3825, -1.0042



39.9570, -1.4578, 0.9147



76.0070, -37.4715, 25.4269



168.5710, -83.1055, 55.6272

Inverse Universe

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



56.0450, 11.8098, -7.9325



66.8470, 18.8094, -13.0208



52.8550, 13.3825, 1.0042



38.0430, 1.4578, -0.9147



28.9930, 37.4715, -25.4269



63.4290, 83.1055, -55.6272

Previews

White Background



This preview shows how the YUV color 70.9550, -11.8098, 7.9325 looks on a white background.

Color Contrast Check

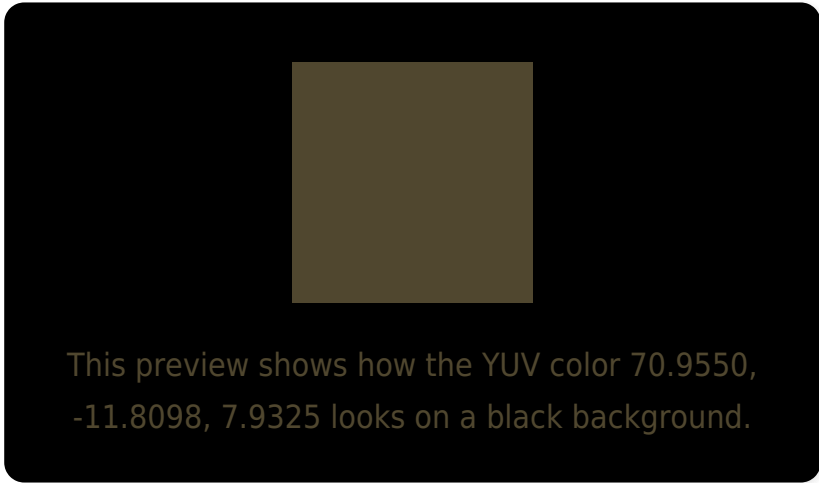
Large Text (above 18pt) WCAG AA ✓ Pass

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

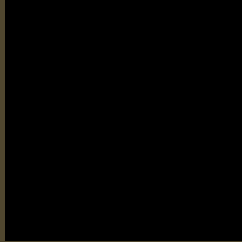
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.9550, -11.8098, 7.9325

Background



This preview shows how black text looks on a background with the YUV color 70.9550, -11.8098, 7.9325.

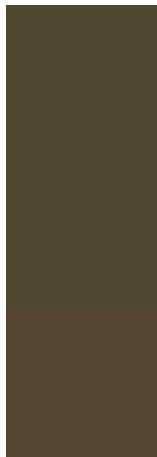


This preview shows how white text looks on a background with the YUV color 70.9550, -11.8098,

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

70.9550, -11.8098, 7.9325

Protanopia

70.9440, -11.8044, 6.1881

Deuteranopia

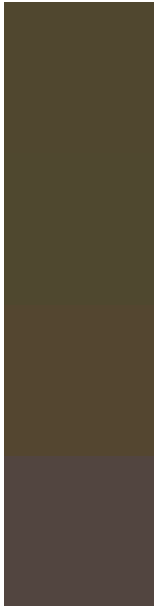
71.6890, -11.6787, 12.5507



Tritanopia

73.0550, -0.0271, 8.7218

Trichromacy



Original Color

70.9550, -11.8098, 7.9325

Protanomaly

71.2430, -11.9518, 6.8029

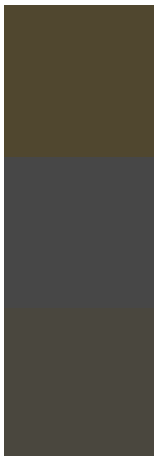
Deuteranomaly

71.6780, -11.6733, 10.8064

Tritanomaly

72.3170, -4.1003, 8.4920

Monochromacy



Original Color

70.9550, -11.8098, 7.9325

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8710, -4.3734, 2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.9550, -11.8098, 7.9325 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(80, 71, 47)` looks like.

```
.text, #text, p{  
    color:rgb(80, 71, 47)  
}
```

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(80, 71, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 71, 47) }
```

Border

The CSS property to change the border of an element to YUV 70.9550, -11.8098, 7.9325 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(80, 71, 47) }
```


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

```
.border{ border-color:rgb(80, 71, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 71, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 71, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 71, 47);  
box-shadow:4px 4px 4px 4px rgb(80, 71, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.9550, -11.8098, 7.9325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 71, 47) }
```

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

```
.background{ background-color: rgb(80, 71,  
47) }
```

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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