

Converting Colors

YUV(70.6120, -11.6407, 0.3403)

Have a look what the booklet for
YUV(70.6120, -11.6407, 0.3403)
contains.

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Color

**YUV(70.6120, -11.6407,
0.3403)**

Conversions

Conversions Part 1

Format	Color
Hex	474B2F
RGB	71, 75, 47
RGB Percent	28%, 29%, 18%
CMY	0.7216, 0.7059, 0.8157
CMYK	0.05, 0.00, 0.37, 0.71
HSL	69°, 23%, 24%
HSV	69°, 37%, 29%
XYZ	5.6277, 6.5770, 3.6622
YIQ	70.6120, 6.6040, -9.5560

Conversions

Conversions Part 2

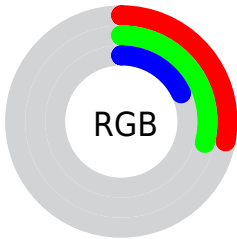
Format	Color
RYB	47, 75, 51
Decimal	4672303
CIELab	30.82, -6.95, 16.17
CIElCh	31, 17.601, 113.246
Yxy	6.5770, 0.3547, 0.4145
Android (android.graphics.Color)	4282862383 (0xFF474B2F)
YUV	70.6120, -11.6407, 0.3403
Hunter-Lab	25.6456, -5.7096, 9.4853

Details

The YUV color **70.6120, -11.6407, 0.3403** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **51.3880, 11.6407, -0.3403**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.2700, -12.9511, 0.6402**, and **26.5690, -13.0985, 1.2550** is the 20% darker color. If you saturate the color by 10%, you get **69.5150, -14.5509, 0.4253**, and if you desaturate by 10%, it is **71.8230, -8.2937, 0.1552**.

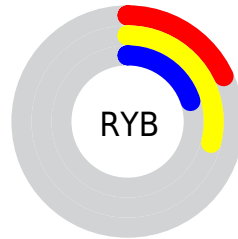
Distribution



Red (28%)

Green (29%)

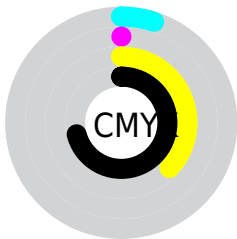
Blue (18%)



Red (18%)

Yellow (29%)

Blue (20%)

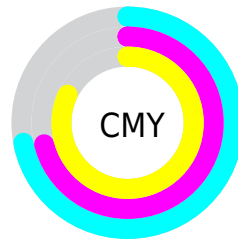


Cyan (5%)

Magenta (0%)

Yellow (37%)

Black (71%)



Cyan (72%)

Magenta (71%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.6120, -11.6407, 0.3403 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 70.6120, -11.6407, 0.3403 by changing the saturation by 10% instead.

70.6120, -11.6407,
0.3403

70.6120, -11.6407,
0.3403

255.0000, 0.0000,
0.0000

47.8400, -10.7671,
0.1403

119.2700,
-12.9511, 0.6402

26.5690, -13.0985,
1.2550

144.5690,
-13.0985, 1.2550

3.5220, -1.7363,
-3.0888

171.1560,
-13.3879, 0.7402

0.0000, 0.0000,
0.0000

198.9280,
-14.2615, 0.9401

226.9280,
-14.2615, 0.9401

251.6940,

-12.6671, 2.8994

254.8860, -0.4368,
0.1000

■ 70.6120, -11.6407,
0.3403

■ 70.6120, -11.6407,
0.3403

■ 69.5150, -14.5509,
0.4253

■ 71.8230, -8.2937,
0.1552

■ 68.3040, -17.8979,
0.6104

■ 72.9200, -5.3836,
0.0702

■ 67.2070, -20.8081,
0.6955

■ 74.1310, -2.0366,
-0.1149

■ 65.9960, -24.1550,
0.8805

■ 75.2280, 0.8736,
-0.2000

■ 64.8990, -27.0652,
0.9656

■ 76.4390, 4.2206,
-0.3850

■ 63.6880, -30.4122,
1.1506

■ 77.5360, 7.1308,
-0.4701

■ 63.1610, -31.1384,
0.7358

■ 79.0460, 10.3303,
-0.0403

■ 80.1430, 13.2405,
-0.1254

■ 81.3540, 16.5875,
-0.3105

Harmonies

Analogous

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



72.2220, -13.4204, 11.2063



70.6120, -11.6407, 0.3403



68.6150, -6.2192, -11.9404

Triad

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



70.6120, -11.6407, 0.3403



65.7710, 13.9169, -30.4942



74.0610, 0.9559, 20.1175

Complementary

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



70.6120, -11.6407, 0.3403



51.3880, 11.6407, -0.3403

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.



74.3140, 7.2402, 11.1256



70.6120, -11.6407, 0.3403



70.0760, 14.7525, -18.4837

Square

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



70.6120, -11.6407, 0.3403



64.4950, 9.1230, -32.8831



73.1920, 12.2303, -2.7994



73.9490, -5.8909, 22.8467

Rectangle

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



70.6120, -11.6407, 0.3403



66.8250, -1.3927, -20.0175



73.1920, 12.2303, -2.7994



74.6200, 3.1453, 17.8733

Sweetspot

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



70.6120, -11.6407, 0.3403



95.1480, -4.5100, -0.1298



57.7200, -5.2850, 15.1546



47.3160, -2.6208, 0.5999



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



70.6120, -11.6407, 0.3403



90.1900, -18.3347, 0.7104



66.4260, -9.5770, -8.2666



37.5440, -1.7472, 0.3999



85.8870, -42.3423, 0.9761



193.9130, -95.5991, 2.7073

Inverse Universe

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



51.3880, 11.6407, -0.3403



60.1090, 18.1873, -0.0956



55.5740, 9.5770, 8.2666



34.7550, 1.5998, 0.2149



16.1130, 42.3423, -0.9761



36.0870, 95.5991, -2.7073

Previews

White Background



This preview shows how the YUV color 70.6120, -11.6407, 0.3403 looks on a white background.

Color Contrast Check

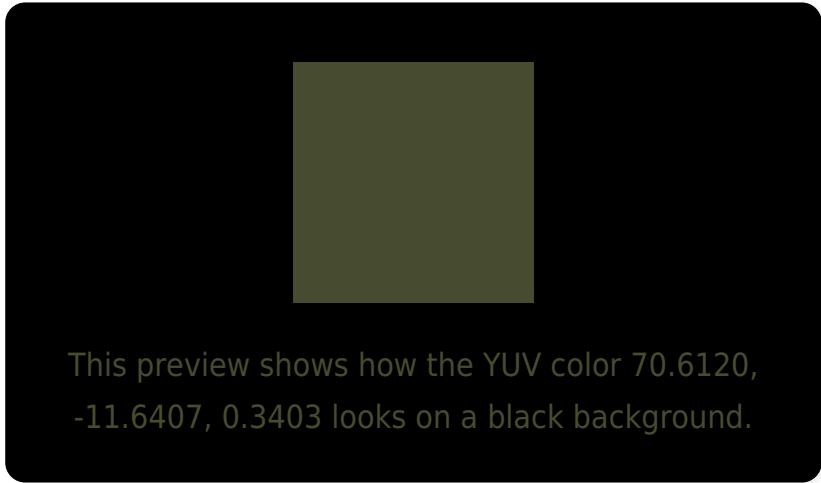
Large Text (above 18pt) WCAG AA ✓ Pass

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

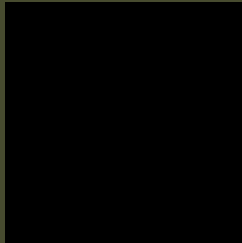
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

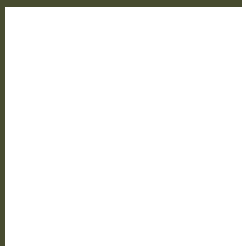
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 70.6120, -11.6407, 0.3403

Background



This preview shows how black text looks on a background with the YUV color 70.6120, -11.6407, 0.3403.



This preview shows how white text looks on a background with the YUV color 70.6120, -11.6407,

0.3403.

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

70.6120, -11.6407, 0.3403

Protanopia

71.7160, -12.6780, 6.3881

Deuteranopia

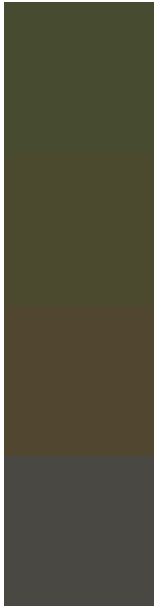
71.9880, -11.8261, 13.1655



Tritanopia

72.8800, 2.0312, 1.8592

Trichromacy



Original Color

70.6120, -11.6407, 0.3403

Protanomaly

71.4060, -12.5252, 4.0289

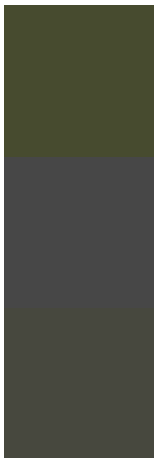
Deuteranomaly

71.3680, -11.5204, 8.4473

Tritanomaly

71.9140, -2.9156, 1.8294

Monochromacy



Original Color

70.6120, -11.6407, 0.3403

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.5610, -4.2206, 0.3850

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.6120, -11.6407, 0.3403 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(71, 75, 47)` looks like.

```
.text, #text, p{  
    color:rgb(71, 75, 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(71, 75, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 75, 47) }
```

Border

The CSS property to change the border of an element to YUV 70.6120, -11.6407, 0.3403 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(71, 75, 47) }
```


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

```
.border{ border-color:rgb(71, 75, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 75, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 75, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 75, 47);  
box-shadow:4px 4px 4px 4px rgb(71, 75, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.6120, -11.6407, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 75, 47) }
```

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

```
.background{ background-color: rgb(71, 75,  
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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