

Converting Colors

YUV(70.4820, -11.0836, 8.3473)

Have a look what the booklet for
YUV(70.4820, -11.0836, 8.3473)
contains.

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Color

**YUV(70.4820, -11.0836,
8.3473)**

Conversions

Conversions Part 1

Format	Color
Hex	504630
RGB	80, 70, 48
RGB Percent	31%, 27%, 19%
CMY	0.6863, 0.7255, 0.8118
CMYK	0.00, 0.12, 0.40, 0.69
HSL	41°, 25%, 25%
HSV	41°, 40%, 31%
XYZ	6.0319, 6.2992, 3.6943
YIQ	70.4820, 13.0220, -4.7220

Conversions

Conversions Part 2

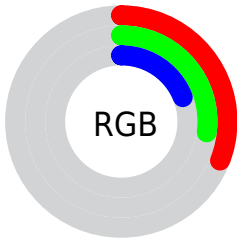
Format	Color
R_{YB}	63, 80, 48
Decimal	5260848
CIE Lab	30.16, 0.49, 14.83
CIE LCh	30, 14.839, 88.091
Yxy	6.2992, 0.3764, 0.3931
Android (android.graphics.Color)	4283450928 (0xFF504630)
YUV	70.4820, -11.0836, 8.3473
Hunter-Lab	25.0982, -1.0224, 8.8417

Details

The YUV color **70.4820, -11.0836, 8.3473** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **57.5180, 11.0836, -8.3473**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.8520, -12.2520, 9.7768**, and **26.4280, -12.5360, 7.5176** is the 20% darker color. If you saturate the color by 10%, you get **68.3960, -13.9992, 10.1767**, and if you desaturate by 10%, it is **73.1550, -8.4574, 6.0031**.

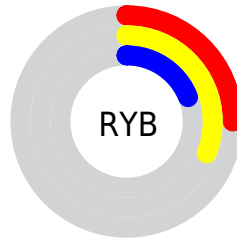
Distribution



 Red (31%)

 Green (27%)

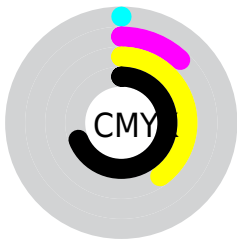
 Blue (19%)



 Red (25%)

 Yellow (31%)

 Blue (19%)

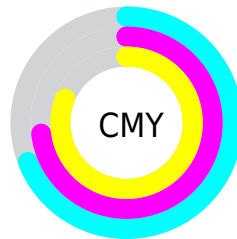



 Cyan (0%)

 Magenta (12%)

 Yellow (40%)

 Black (69%)



 Cyan (69%)

 Magenta (73%)

 Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.4820, -11.0836, 8.3473 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 70.4820, -11.0836, 8.3473 by changing the saturation by 10% instead.

70.4820, -11.0836,
8.3473

70.4820, -11.0836,
8.3473

255.0000, 0.0000,
0.0000

48.2970, -10.4994,
7.6325

118.8520,
-12.2520, 9.7768

26.4280, -12.5360,
7.5176

144.7380,
-12.6888, 9.8768

0.5980, -0.2948,
1.2296

171.0370,
-12.8362, 10.4916

0.0000, 0.0000,
0.0000

198.2220,
-13.4204, 11.2063

226.2220,
-13.4204, 11.2063

251.2210,

-11.9410, 3.3142

■ 70.4820, -11.0836,
8.3473

■ 70.4820, -11.0836,
8.3473

■ 68.3960, -13.9992,
10.1767

■ 73.1550, -8.4574,
6.0031

■ 65.7230, -16.6254,
12.5209

■ 75.2410, -5.5418,
4.1736

■ 63.6370, -19.5410,
14.3504

■ 77.9140, -2.9156,
1.8294

■ 60.9640, -22.1673,
16.6946

■ 80.0000, 0.0000,
0.0000

■ 58.8780, -25.0829,
18.5240

■ 82.6730, 2.6262,
-2.3442

■ 56.2050, -27.7091,
20.8682

■ 84.7590, 5.5418,
-4.1736

■ 87.4320, 8.1680,
-6.5179

■ 89.5180, 11.0836,
-8.3473

■ 92.1910, 13.7098,
-10.6915

Harmonies

Analogous

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



71.2810, -9.5055, 15.5396



70.4820, -11.0836, 8.3473



69.4700, -9.5987, -1.2892

Triad

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



70.4820, -11.0836, 8.3473



65.1970, 7.7909, -25.6058



73.0320, 4.9142, 10.4959

Complementary

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



70.4820, -11.0836, 8.3473



57.5180, 11.0836, -8.3473

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.



71.8180, 9.4567, 0.1596



70.4820, -11.0836, 8.3473



66.5440, 11.5638, -22.4021

Square

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



70.4820, -11.0836, 8.3473



65.7370, 2.1017, -20.8173



69.4250, 12.1155, -12.6507



72.9960, -0.4910, 17.5435

Rectangle

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



70.4820, -11.0836, 8.3473



67.9360, -6.3774, -7.8369



69.4250, 12.1155, -12.6507



72.7650, 6.5249, 7.2221

Sweetspot

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



70.4820, -11.0836, 8.3473



101.1700, -4.5208, 3.3589



58.7080, -0.3490, 18.6731



51.3270, -2.6262, 2.3442



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.



70.4820, -11.0836, 8.3473



89.7940, -17.6464, 13.3357



74.5580, -13.0931, -0.4894



39.9570, -1.4578, 0.9147



73.6590, -36.3139, 27.4861



163.2880, -80.5010, 60.2604

Inverse Universe

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



57.5180, 11.0836, -8.3473



69.2060, 17.6464, -13.3357



53.4420, 13.0931, 0.4894



38.0430, 1.4578, -0.9147



31.3410, 36.3139, -27.4861



69.2990, 80.2116, -60.7752

Previews

White Background



This preview shows how the YUV color 70.4820, -11.0836, 8.3473 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



This preview shows how the YUV color 70.4820, -11.0836, 8.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

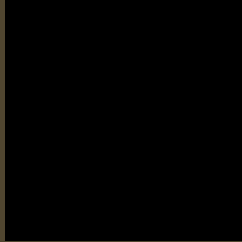
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.4820, -11.0836, 8.3473

Background



This preview shows how black text looks on a background with the YUV color 70.4820, -11.0836, 8.3473.

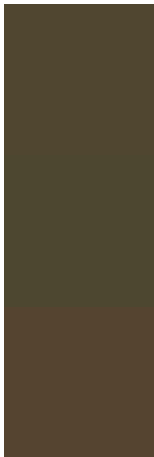


This preview shows how white text looks on a background with the YUV color 70.4820, -11.0836,

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

70.4820, -11.0836, 8.3473

Protanopia

70.1720, -10.9308, 5.9882

Deuteranopia

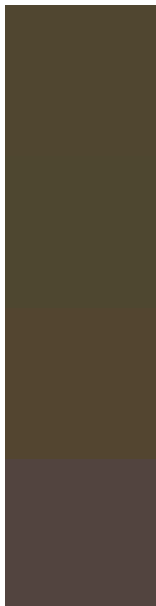
70.8030, -11.2419, 12.4508



Tritanopia

72.3540, -0.1745, 9.3365

Trichromacy



Original Color

70.4820, -11.0836, 8.3473

Protanomaly

70.4710, -11.0782, 6.6029

Deuteranomaly

70.7920, -11.2365, 10.7064

Tritanomaly

71.6160, -4.2477, 9.1068

Monochromacy



Original Color

70.4820, -11.0836, 8.3473

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.2840, -4.0840, 3.2589

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.4820, -11.0836, 8.3473 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, 70, 48)` looks like.

```
.text, #text, p{  
    color:rgb(80, 70, 48)  
}
```

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, 70, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 70, 48) }
```

Border

The CSS property to change the border of an element to YUV 70.4820, -11.0836, 8.3473 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, 70, 48) }
```


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

```
.border{ border-color:rgb(80, 70, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 70, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 70, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 70, 48);  
box-shadow:4px 4px 4px 4px rgb(80, 70, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.4820, -11.0836, 8.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 70, 48) }
```

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

```
.background{ background-color: rgb(80, 70,  
48) }
```

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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