

Converting Colors

YUV(71.9760, -10.3412, 3.5290)

Have a look what the booklet for
YUV(71.9760, -10.3412, 3.5290)
contains.

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Color

**YUV(71.9760, -10.3412,
3.5290)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4A33
RGB	76, 74, 51
RGB Percent	30%, 29%, 20%
CMY	0.7020, 0.7098, 0.8000
CMYK	0.00, 0.03, 0.33, 0.70
HSL	55°, 20%, 25%
HSV	55°, 33%, 30%
XYZ	6.0268, 6.6731, 4.1024
YIQ	71.9760, 8.5750, -6.7290

Conversions

Conversions Part 2

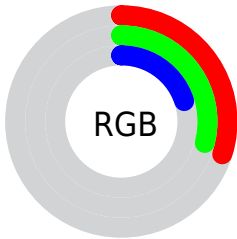
Format	Color
RYB	53, 76, 51
Decimal	4999731
CIELab	31.05, -3.42, 14.07
CIELCh	31, 14.484, 103.669
Yxy	6.6731, 0.3587, 0.3972
Android (android.graphics.Color)	4283189811 (0xFF4C4A33)
YUV	71.9760, -10.3412, 3.5290
Hunter-Lab	25.8323, -3.5615, 8.6669




Details

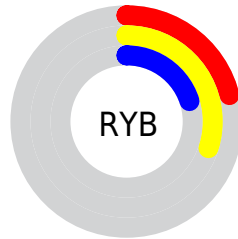
The YUV color **71.9760, -10.3412, 3.5290** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **55.0240, 10.3412, -3.5290**, and the grayscale version is **72.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **120.7480, -11.2148, 3.7290**, and **27.8620, -10.7780, 3.6290** is the 20% darker color. If you saturate the color by 10%, you get **70.4770, -13.5462, 4.8437**, and if you desaturate by 10%, it is **73.4750, -7.1362, 2.2144**.

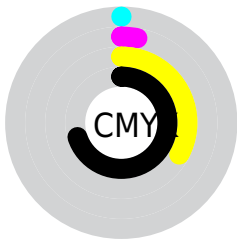
Distribution







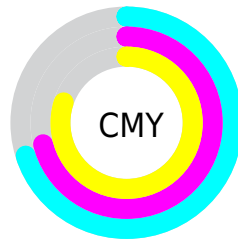
-  Red (30%)
-  Green (29%)
-  Blue (20%)






-  Red (21%)
-  Yellow (30%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (3%)
-  Yellow (33%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (71%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.9760, -10.3412, 3.5290 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 71.9760, -10.3412, 3.5290 by changing the saturation by 10% instead.

■ 71.9760, -10.3412,
3.5290

■ 71.9760, -10.3412,
3.5290

■ 255.0000, 0.0000,
0.0000

■ 49.2040, -9.4676,
3.3291

■ 120.7480,
-11.2148, 3.7290

■ 27.8620, -10.7780,
3.6290

■ 145.9330,
-11.7990, 4.4438

■ 3.5220, -1.7363,
-3.0888

■ 172.8190,
-12.2358, 4.5437

■ 0.0000, 0.0000,
0.0000

■ 200.1180,
-12.3832, 5.1585

■ 228.0040,
-12.8200, 5.2585

■ 252.2640,

-10.4832, 2.3995

■ 71.9760, -10.3412,
3.5290

■ 71.9760, -10.3412,
3.5290

■ 70.4770, -13.5462,
4.8437

■ 73.4750, -7.1362,
2.2144

■ 69.6790, -16.6037,
5.5435

■ 74.2730, -4.0786,
1.5146

■ 68.1800, -19.8087,
6.8581

■ 75.7720, -0.8736,
0.2000

■ 67.3820, -22.8663,
7.5580

■ 76.5700, 2.1840,
-0.4999

■ 65.8830, -26.0713,
8.8726

■ 78.0690, 5.3890,
-1.8145

■ 64.3840, -29.2763,
10.1872

■ 79.5680, 8.5940,
-3.1291

■ 63.8140, -31.4603,
10.6871

■ 80.3660, 11.6516,
-3.8290

■ 81.8650, 14.8566,
-5.1436

■ 82.6630, 17.9141,
-5.8435

Harmonies

Analogous

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



73.0310, -10.3683, 12.2508



71.9760, -10.3412, 3.5290



70.4200, -7.1091, -6.5073

Triad

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



71.9760, -10.3412, 3.5290



67.7780, 9.9694, -24.3613



75.3700, 2.2826, 14.5845

Complementary

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



71.9760, -10.3412, 3.5290



55.0240, 10.3412, -3.5290

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.



74.2810, 7.2565, 5.8926



71.9760, -10.3412, 3.5290



70.5770, 11.5475, -17.1690

Square

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



71.9760, -10.3412, 3.5290



67.5240, 5.1647, -23.2615



72.8280, 10.9308, -5.9882



74.6110, -3.2592, 18.7582

Rectangle

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



71.9760, -10.3412, 3.5290



69.4130, -3.1616, -12.6402



72.8280, 10.9308, -5.9882



74.8150, 4.0352, 12.4402

Sweetspot

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



71.9760, -10.3412, 3.5290



97.9740, -3.9312, 0.8998



58.7030, -2.8116, 15.1695



50.3160, -2.6208, 0.5999



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.



71.9760, -10.3412, 3.5290



92.9070, -15.7302, 5.3436



70.1600, -9.4459, -3.6483



37.5440, -1.7472, 0.3999



85.6760, -42.2383, 14.3161



192.6270, -94.9651, 32.7761

Inverse Universe

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



55.0240, 10.3412, -3.5290



67.0930, 15.7302, -5.3436



56.8400, 9.4459, 3.6483



35.0430, 1.4578, -0.9147



16.3240, 42.2383, -14.3161



36.7860, 95.2545, -32.2613

Previews

White Background



This preview shows how the YUV color 71.9760, -10.3412, 3.5290 looks on a white background.

Color Contrast Check

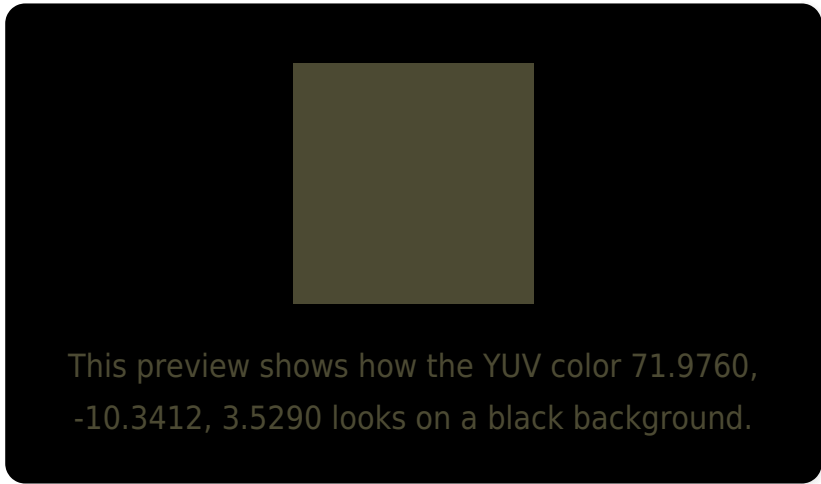
Large Text (above 18pt) WCAG AA ✓ Pass

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

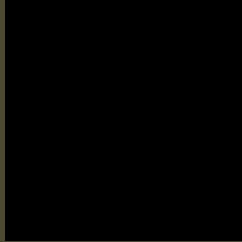
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.9760, -10.3412, 3.5290

Background



This preview shows how black text looks on a background with the YUV color 71.9760, -10.3412, 3.5290.

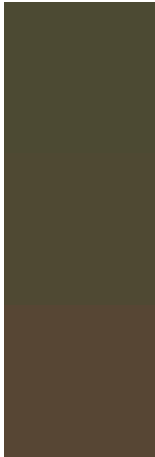


This preview shows how white text looks on a background with the YUV color 71.9760, -10.3412,

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

71.9760, -10.3412, 3.5290

Protanopia

72.2860, -10.4940, 5.8882

Deuteranopia

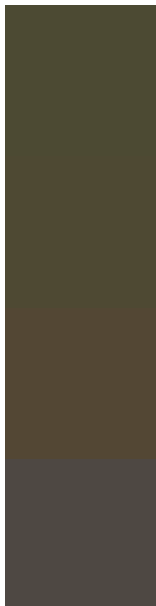
73.0310, -10.3683, 12.2508



Tritanopia

73.9620, 1.0047, 4.4183

Trichromacy



Original Color

71.9760, -10.3412, 3.5290

Protanomaly

71.9870, -10.3466, 5.2734

Deuteranomaly

72.4220, -10.0680, 9.2769

Tritanomaly

73.2240, -3.0684, 4.1886

Monochromacy



Original Color

71.9760, -10.3412, 3.5290

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.9740, -3.9312, 0.8998

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.9760, -10.3412, 3.5290 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(76, 74, 51)` looks like.

```
.text, #text, p{  
    color:rgb(76, 74, 51)  
}
```

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(76, 74, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 74, 51) }
```

Border

The CSS property to change the border of an element to YUV 71.9760, -10.3412, 3.5290 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(76, 74, 51) }
```


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

```
.border{ border-color:rgb(76, 74, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 74, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 74, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 74, 51);  
box-shadow:4px 4px 4px 4px rgb(76, 74, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.9760, -10.3412, 3.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 74, 51) }
```

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

```
.background{ background-color: rgb(76, 74,  
51) }
```

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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