

Converting Colors

YUV(71.6390, -9.1890, 7.3326)

Have a look what the booklet for
YUV(71.6390, -9.1890, 7.3326)
contains.

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Color

**YUV(71.6390, -9.1890,
7.3326)**

Conversions

Conversions Part 1

Format	Color
Hex	504735
RGB	80, 71, 53
RGB Percent	31%, 28%, 21%
CMY	0.6863, 0.7216, 0.7922
CMYK	0.00, 0.11, 0.34, 0.69
HSL	40°, 20%, 26%
HSV	40°, 34%, 31%
XYZ	6.2041, 6.4690, 4.2898
YIQ	71.6390, 11.1420, -3.6900

Conversions

Conversions Part 2

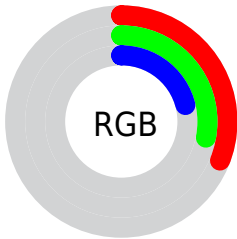
Format	Color
R_{YB}	67, 80, 53
Decimal	5261109
CIE Lab	30.57, 0.60, 12.23
CIE LCh	31, 12.247, 87.181
Yxy	6.4690, 0.3657, 0.3814
Android (android.graphics.Color)	4283451189 (0xFF504735)
YUV	71.6390, -9.1890, 7.3326
Hunter-Lab	25.4342, -0.9688, 7.8039

Details

The YUV color **71.6390, -9.1890, 7.3326** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **61.3610, 9.1890, -7.3326**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.1230, -9.9206, 8.6621**, and **27.9270, -9.3310, 6.2030** is the 20% darker color. If you saturate the color by 10%, you get **68.9660, -11.8152, 9.6768**, and if you desaturate by 10%, it is **74.3120, -6.5628, 4.9884**.

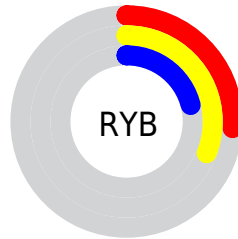
Distribution



 Red (31%)

 Green (28%)

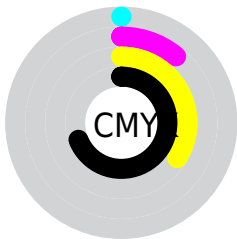
 Blue (21%)



 Red (26%)

 Yellow (31%)

 Blue (21%)

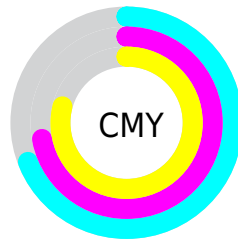


 Cyan (0%)

 Magenta (11%)

 Yellow (34%)

 Black (69%)



 Cyan (69%)

 Magenta (72%)

 Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.6390, -9.1890, 7.3326 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 71.6390, -9.1890, 7.3326 by changing the saturation by 10% instead.

■ 71.6390, -9.1890,
7.3326

■ 71.6390, -9.1890,
7.3326

■ 255.0000, 0.0000,
0.0000

■ 49.4540, -8.6048,
6.6178

■ 120.1230, -9.9206,
8.6621

■ 27.9270, -9.3310,
6.2030

■ 146.0090,
-10.3574, 8.7621

■ 2.6690, -1.3158,
2.0443

■ 172.3080,
-10.5048, 9.3769

■ 0.0000, 0.0000,
0.0000

■ 200.0800,
-11.3784, 9.5768

■ 228.0800,
-11.3784, 9.5768

■ 252.4920, -9.6096,

2.1995

■ 71.6390, -9.1890,
7.3326

■ 71.6390, -9.1890,
7.3326

■ 68.9660, -11.8152,
9.6768

■ 74.3120, -6.5628,
4.9884

■ 66.8800, -14.7308,
11.5062

■ 76.3980, -3.6472,
3.1590

■ 64.2070, -17.3571,
13.8505

■ 79.0710, -1.0210,
0.8147

■ 61.5340, -19.9833,
16.1947

■ 81.7440, 1.6052,
-1.5295

■ 59.4480, -22.8989,
18.0241

■ 83.8300, 4.5208,
-3.3589

■ 56.7750, -25.5251,
20.3683

■ 86.5030, 7.1470,
-5.7031

■ 55.0310, -27.1303,
21.8978

■ 89.1760, 9.7732,
-8.0474

■ 91.2620, 12.6888,
-9.8768

■ 93.9350, 15.3150,
-12.2210

Harmonies

Analogous

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



72.6120, -8.1897, 13.4953



71.6390, -9.1890, 7.3326



70.6380, -7.7095, -0.5595

Triad

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



71.6390, -9.1890, 7.3326



67.7740, 6.0274, -19.9728



73.4940, 4.1935, 8.3368

Complementary

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



71.6390, -9.1890, 7.3326



61.3610, 9.1890, -7.3326

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.



72.7640, 8.0043, -0.6700



71.6390, -9.1890, 7.3326



69.2950, 9.2216, -17.7987

Square

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



71.6390, -9.1890, 7.3326



67.9440, 1.5066, -16.6139



70.8660, 9.9261, -10.4065



73.3870, -0.1908, 14.5696

Rectangle

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



71.6390, -9.1890, 7.3326



70.1750, -5.5093, -6.2925



70.8660, 9.9261, -10.4065



73.5260, 5.6567, 5.6777

Sweetspot

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



71.6390, -9.1890, 7.3326



101.3980, -3.6472, 3.1590



62.0990, -0.0488, 15.6992



51.4410, -2.1894, 2.2442



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.



71.6390, -9.1890, 7.3326



91.2930, -14.4414, 12.0210



75.7260, -11.2039, 0.2403



39.3700, -1.1684, 1.4295



72.4850, -35.7351, 28.5157



160.3530, -79.0540, 62.8344

Inverse Universe

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



61.3610, 9.1890, -7.3326



75.1200, 14.7308, -11.5062



57.2740, 11.2039, -0.2403



38.0430, 1.4578, -0.9147



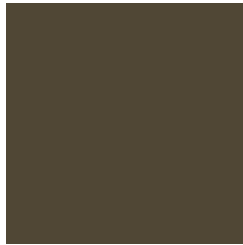
32.5150, 35.7351, -28.5157



71.6470, 79.0540, -62.8344

Previews

White Background



This preview shows how the YUV color 71.6390, -9.1890, 7.3326 looks on a white background.

Color Contrast Check

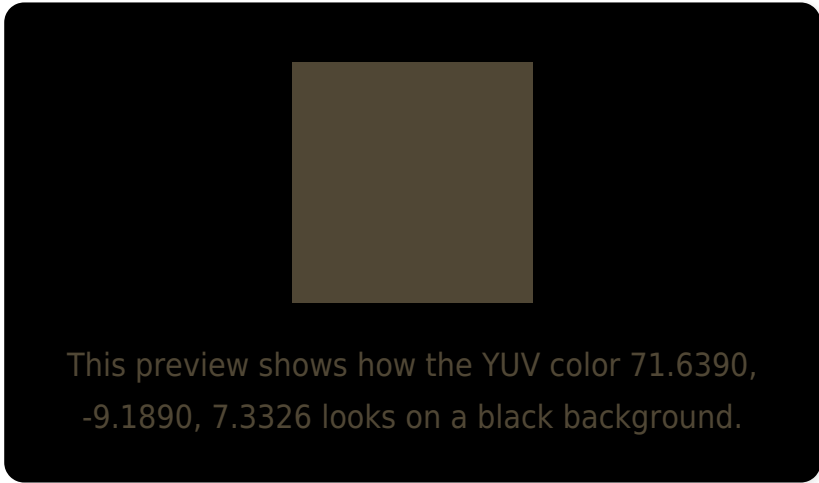
Large Text (above 18pt) WCAG AA ✓ Pass

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

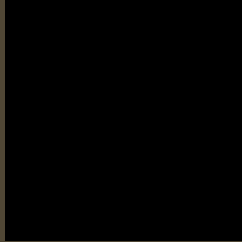
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.6390, -9.1890, 7.3326

Background



This preview shows how black text looks on a background with the YUV color 71.6390, -9.1890, 7.3326.

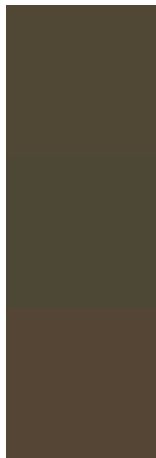


This preview shows how white text looks on a background with the YUV color 71.6390, -9.1890,

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

71.6390, -9.1890, 7.3326

Protanopia

71.3290, -9.0362, 4.9735

Deuteranopia

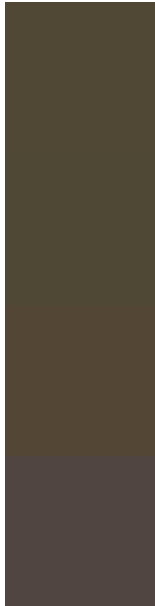
71.9600, -9.3473, 11.4361



Tritanopia

72.8700, 0.5571, 8.0070

Trichromacy



Original Color

71.6390, -9.1890, 7.3326

Protanomaly

71.6280, -9.1836, 5.5882

Deuteranomaly

71.9490, -9.3419, 9.6917

Tritanomaly

72.2460, -3.0793, 7.6773

Monochromacy



Original Color

71.6390, -9.1890, 7.3326

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.0990, -3.4998, 2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.6390, -9.1890, 7.3326 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, 53)` looks like.

```
.text, #text, p{  
    color:rgb(80, 71, 53)  
}
```

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, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 71, 53) }
```

Border

The CSS property to change the border of an element to YUV 71.6390, -9.1890, 7.3326 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, 53) }
```


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

```
.border{ border-color:rgb(80, 71, 53) }
```

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, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 71, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 71, 53);  
box-shadow:4px 4px 4px 4px rgb(80, 71, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.6390, -9.1890, 7.3326 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, 53) }
```

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

```
.background{ background-color: rgb(80, 71,  
53) }
```

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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