

Converting Colors

YUV(71.4890, 12.0839, 44.2981)

Have a look what the booklet for
YUV(71.4890, 12.0839, 44.2981)
contains.

YUV(71.4890, 12.0839, 44.2981)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(71.4890, 12.0839,
44.2981)**

Conversions

Conversions Part 1

Format	Color
Hex	7A2960
RGB	122, 41, 96
RGB Percent	48%, 16%, 38%
CMY	0.5216, 0.8392, 0.6235
CMYK	0.00, 0.66, 0.21, 0.52
HSL	319°, 50%, 32%
HSV	319°, 66%, 48%
XYZ	10.9303, 6.5680, 11.7580
YIQ	71.4890, 30.6210, 34.2770

Conversions

Conversions Part 2

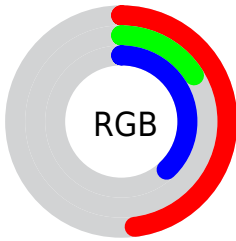
Format	Color
R_{YB}	122, 41, 96
Decimal	8005984
CIE _{Lab}	30.80, 41.41, -14.55
CIE _{LCh}	31, 43.892, 340.645
Yxy	6.5680, 0.3736, 0.2245
Android (android.graphics.Color)	4286196064 (0xFF7A2960)
YUV	71.4890, 12.0839, 44.2981
Hunter-Lab	25.6281, 31.2806, -9.2622

Details

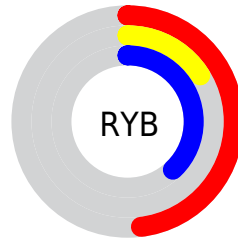
The YUV color **71.4890, 12.0839, 44.2981** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **91.5110, -12.0839, -44.2981**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.6850, 11.4943, 46.7573**, and **26.6300, 11.5214, 38.0355** is the 20% darker color. If you saturate the color by 10%, you get **63.9890, 13.8094, 50.8756**, and if you desaturate by 10%, it is **78.9890, 10.3584, 37.7206**.

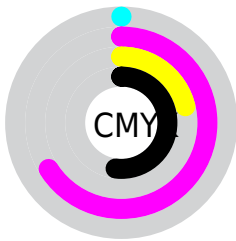
Distribution



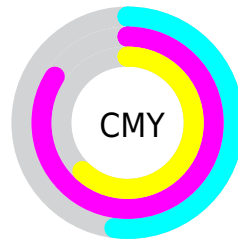
- Red (48%)
- Green (16%)
- Blue (38%)



- Red (48%)
- Yellow (16%)
- Blue (38%)



- Cyan (0%)
- Magenta (66%)
- Yellow (21%)
- Black (52%)



- Cyan (52%)
- Magenta (84%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.4890, 12.0839, 44.2981 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 71.4890, 12.0839, 44.2981 by changing the saturation by 10% instead.

71.4890, 12.0839,
44.2981

71.4890, 12.0839,
44.2981

255.0000, 0.0000,
0.0000

43.9560, 13.8257,
45.6426

123.6850, 11.4943,
46.7573

26.6300, 11.5214,
38.0355

150.2830, 11.1995,
47.9868

17.6580, 5.5916,
26.6099

177.9950, 11.3415,
49.1164

1.4950, -0.7370,
3.0739

203.3150, 12.6627,
45.3277

0.0000, 0.0000,
0.0000

222.7150, 15.9165,
28.3139

239.7380, 7.5242,

13.3848

■ 71.4890, 12.0839,
44.2981

■ 71.4890, 12.0839,
44.2981

■ 63.9890, 13.8094,
50.8756

■ 78.9890, 10.3584,
37.7206

■ 56.4890, 15.5349,
57.4531

■ 86.4890, 8.6329,
31.1431

■ 48.4020, 17.5498,
64.5454

■ 94.5760, 6.6180,
24.0508

■ 45.9400, 18.2706,
66.7046

■ 102.0760, 4.8925,
17.4733

■ 109.5760, 3.1670,
10.8958

■ 116.9620, 1.0047,
4.4183

■ 124.4620, -0.7208,
-2.1592

■ 132.5490, -2.7357,
-9.2515

■ 140.0490, -4.4612,
-15.8290

Harmonies

Analogous

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



74.3200, 24.9852, 12.8744



71.4890, 12.0839, 44.2981



67.3800, -2.6523, 57.5487

Triad

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



71.4890, 12.0839, 44.2981



67.0480, -33.0547, 8.7279



64.4070, 25.9283, -56.4849

Complementary

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



71.4890, 12.0839, 44.2981



91.5110, -12.0839, -44.2981

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.



61.2320, 11.2246, -53.7005



71.4890, 12.0839, 44.2981



61.5650, -23.9425, -20.6665

Square

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



71.4890, 12.0839, 44.2981



68.6750, -33.8568, 32.7340



56.5410, -4.2107, -49.5865



63.7520, 36.1113, -55.9105

Rectangle

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



71.4890, 12.0839, 44.2981



68.0840, -13.8454, 54.3003



56.5410, -4.2107, -49.5865



63.8540, 21.2710, -56.0000

Sweetspot

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



71.4890, 12.0839, 44.2981



138.0760, 4.8925, 17.4733



58.0080, 31.5481, 7.8860



67.1630, 2.8776, 10.3810



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



71.4890, 12.0839, 44.2981



79.4780, 18.9913, 68.8638



66.9290, -5.3880, 48.2973



57.2500, 0.8628, 3.2887



47.0650, 18.7020, 68.3490



94.8420, 37.5459, 137.8276

Inverse Universe

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



71.4890, 12.0839, 44.2981



79.4780, 18.9913, 68.8638



96.0710, 5.3880, -48.2973



57.2500, 0.8628, 3.2887



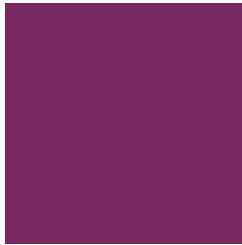
47.0650, 18.7020, 68.3490



94.8420, 37.5459, 137.8276

Previews

White Background



This preview shows how the YUV color 71.4890, 12.0839, 44.2981 looks on a white background.

Color Contrast Check

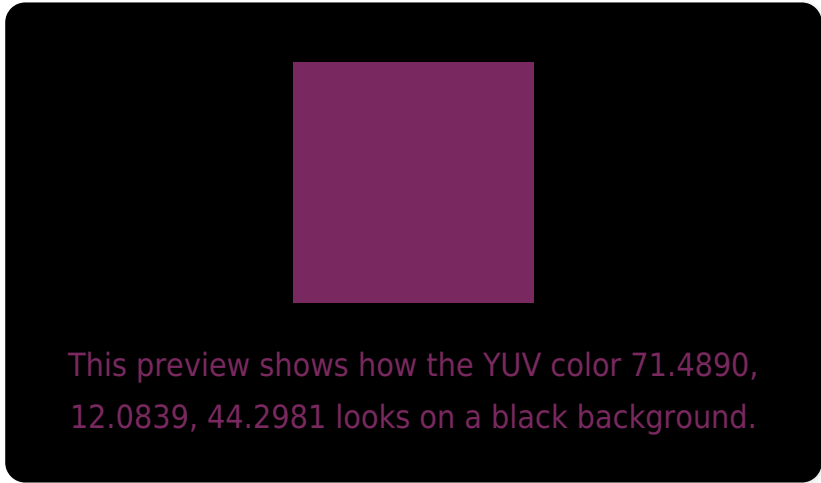
Large Text (above 18pt) WCAG AA ✓ Pass

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

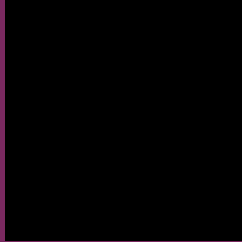
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.4890, 12.0839, 44.2981

Background



This preview shows how black text looks on a background with the YUV color 71.4890, 12.0839, 44.2981.



This preview shows how white text looks on a background with the YUV color 71.4890, 12.0839,

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

71.4890, 12.0839, 44.2981

Protanopia

72.0900, 23.6196, -15.8649

Deuteranopia

74.1660, 8.2992, -1.8996



Tritanopia

72.0760, -8.4185, 40.2753

Trichromacy



Original Color

71.4890, 12.0839, 44.2981

Protanomaly

72.0820, 19.1866, 6.0671

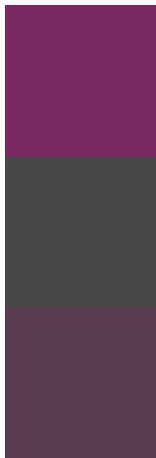
Deuteranomaly

73.3190, 9.7027, 14.6292

Tritanomaly

71.7370, -0.8563, 41.4497

Monochromacy



Original Color

71.4890, 12.0839, 44.2981

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.2500, 4.3137, 16.4438

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.4890, 12.0839, 44.2981 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(122, 41, 96)` looks like.

```
.text, #text, p{  
    color:rgb(122, 41, 96)  
}
```

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(122, 41, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 41, 96) }
```

Border

The CSS property to change the border of an element to YUV 71.4890, 12.0839, 44.2981 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(122, 41, 96) }
```


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

```
.border{ border-color:rgb(122, 41, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 41, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 41, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 41, 96);  
box-shadow:4px 4px 4px 4px rgb(122, 41,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 71.4890, 12.0839, 44.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 41, 96) }
```

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

```
.background{ background-color: rgb(122, 41,  
96) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor