

Converting Colors

YUV(71.4010, 12.1273, 30.3433)

Have a look what the booklet for
YUV(71.4010, 12.1273, 30.3433)
contains.

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Color

**YUV(71.4010, 12.1273,
30.3433)**

Conversions

Conversions Part 1

Format	Color
Hex	6A3160
RGB	106, 49, 96
RGB Percent	42%, 19%, 38%
CMY	0.5843, 0.8078, 0.6235
CMYK	0.00, 0.54, 0.09, 0.58
HSL	311°, 37%, 30%
HSV	311°, 54%, 42%
XYZ	9.1535, 6.1053, 11.7623
YIQ	71.4010, 18.8850, 26.7010

Conversions

Conversions Part 2

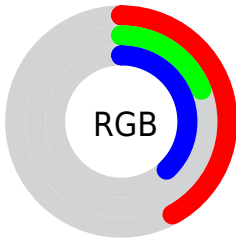
Format	Color
R_{YB}	106, 49, 96
Decimal	6959456
CIE _{Lab}	29.68, 32.30, -16.50
CIE _{LCh}	30, 36.273, 332.944
Yxy	6.1053, 0.3388, 0.2259
Android (android.graphics.Color)	4285149536 (0xFF6A3160)
YUV	71.4010, 12.1273, 30.3433
Hunter-Lab	24.7090, 22.8851, -10.9279

Details

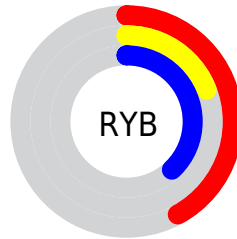
The YUV color **71.4010, 12.1273, 30.3433** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **83.5990, -12.1273, -30.3433**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.8250, 12.4113, 32.6025**, and **22.4440, 13.5851, 29.4286** is the 20% darker color. If you saturate the color by 10%, you get **64.7160, 14.4370, 36.2061**, and if you desaturate by 10%, it is **78.0860, 9.8176, 24.4806**.

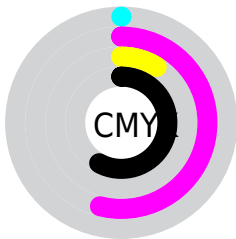
Distribution



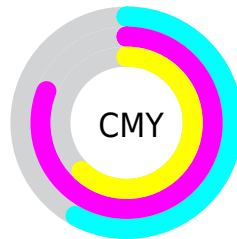
- Red (42%)
- Green (19%)
- Blue (38%)



- Red (42%)
- Yellow (19%)
- Blue (38%)



- Cyan (0%)
- Magenta (54%)
- Yellow (9%)
- Black (58%)



- Cyan (58%)
- Magenta (81%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.4010, 12.1273, 30.3433 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 71.4010, 12.1273, 30.3433 by changing the saturation by 10% instead.

■ 71.4010, 12.1273,
30.3433

■ 71.4010, 12.1273,
30.3433

■ 255.0000, 0.0000,
0.0000

■ 47.1020, 12.2747,
29.7285

■ 121.8250, 12.4113,
32.6025

■ 22.4440, 13.5851,
29.4286

■ 147.5370, 12.5533,
33.7321

■ 14.3690, 7.2131,
19.8474

■ 175.2490, 12.6952,
34.8616

■ 0.0000, 0.0000,
0.0000

■ 202.6620, 12.9846,
35.3764

■ 225.6500, 14.4696,
25.7400

■ 242.0860, 6.3666,

11.3256

■ 71.4010, 12.1273,
30.3433

■ 71.4010, 12.1273,
30.3433

■ 64.7160, 14.4370,
36.2061

■ 78.0860, 9.8176,
24.4806

■ 58.6180, 16.4573,
41.5540

■ 84.1840, 7.7973,
19.1326

■ 51.9330, 18.7670,
47.4168

■ 90.8690, 5.4876,
13.2699

■ 45.9490, 21.2241,
52.6647

■ 96.8530, 3.0305,
8.0219

■ 41.6120, 22.3763,
56.4683

■ 103.5380, 0.7208,
2.1592

■ 110.2230, -1.5889,
-3.7036

■ 116.3210, -3.6093,
-9.0515

■ 123.0060, -5.9190,
-14.9143

■ 129.1040, -7.9393,
-20.2622

Harmonies

Analogous

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



71.2710, 22.5444, 2.3933



71.4010, 12.1273, 30.3433



68.8730, -0.4304, 44.8384

Triad

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



71.4010, 12.1273, 30.3433



65.7050, -29.4346, 14.2907



60.1210, 19.6603, -52.7261

Complementary

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



71.4010, 12.1273, 30.3433



83.5990, -12.1273, -30.3433

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.



56.9290, 7.4300, -49.9267



71.4010, 12.1273, 30.3433



63.0980, -22.2333, -8.8559

Square

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



71.4010, 12.1273, 30.3433



67.7810, -24.5420, 31.7641



52.4490, -4.6584, -45.9978



60.0530, 29.5539, -52.6665

Rectangle

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



71.4010, 12.1273, 30.3433



67.9950, -8.8715, 45.6084



52.4490, -4.6584, -45.9978



59.0950, 15.7292, -51.8263

Sweetspot

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



71.4010, 12.1273, 30.3433



124.6300, 4.6194, 11.7255



58.1890, 23.5708, -0.1658



61.1410, 2.8885, 6.8923



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



71.4010, 12.1273, 30.3433



83.3460, 19.0564, 47.9316



68.2090, -0.1030, 33.1427



50.3640, 1.2995, 3.1888



46.0410, 25.1228, 62.2310



96.2830, 52.1185, 130.4248

Inverse Universe

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



71.4010, 12.1273, 30.3433



83.3460, 19.0564, 47.9316



86.7910, 0.1030, -33.1427



50.3640, 1.2995, 3.1888



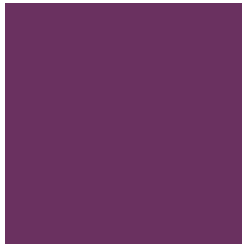
46.0410, 25.1228, 62.2310



96.2830, 52.1185, 130.4248

Previews

White Background



This preview shows how the YUV color 71.4010, 12.1273, 30.3433 looks on a white background.

Color Contrast Check

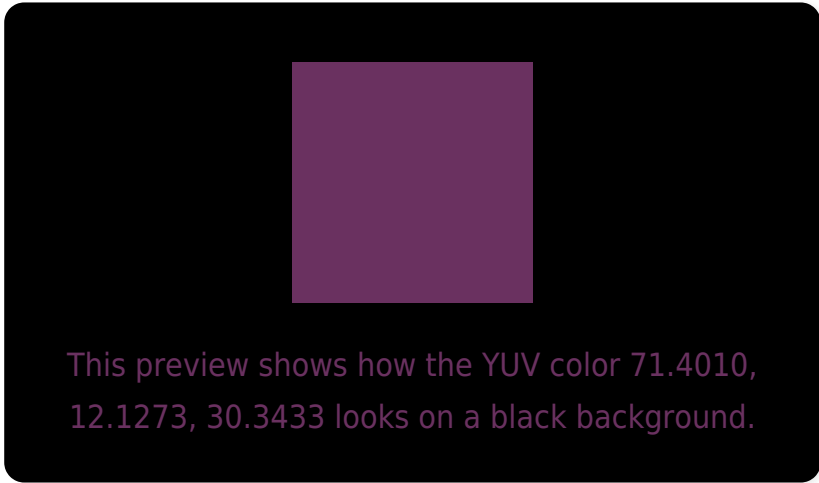
Large Text (above 18pt) WCAG AA ✓ Pass

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

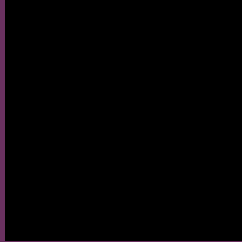
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.4010, 12.1273, 30.3433

Background



This preview shows how black text looks on a background with the YUV color 71.4010, 12.1273, 30.3433.



This preview shows how white text looks on a background with the YUV color 71.4010, 12.1273,

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

71.4010, 12.1273, 30.3433

Protanopia

69.4170, 20.9934, -13.5207

Deuteranopia

70.8390, 10.9254, -4.2438



Tritanopia

70.9110, -4.8861, 27.2651

Trichromacy



Original Color

71.4010, 12.1273, 30.3433

Protanomaly

70.3050, 17.5976, 2.3635

Deuteranomaly

71.3290, 11.1768, 8.4815

Tritanomaly

70.9310, 1.5130, 28.1245

Monochromacy



Original Color

71.4010, 12.1273, 30.3433

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.2170, 4.3300, 11.2107

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.4010, 12.1273, 30.3433 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(106, 49, 96)` looks like.

```
.text, #text, p{  
    color:rgb(106, 49, 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(106, 49, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 49, 96) }
```

Border

The CSS property to change the border of an element to YUV 71.4010, 12.1273, 30.3433 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(106, 49, 96) }
```


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

```
.border{ border-color:rgb(106, 49, 96) }
```

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

Here you see how a box with a 4 pixel rgb(106, 49, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 49, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 49, 96);  
box-shadow:4px 4px 4px 4px rgb(106, 49,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 71.4010, 12.1273, 30.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 49, 96) }
```

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

```
.background{ background-color: rgb(106, 49,  
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](#).

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