

Converting Colors

YUV(71.1240, -4.4981, 42.8643)

Have a look what the booklet for
YUV(71.1240, -4.4981, 42.8643)
contains.

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Color

**YUV(71.1240, -4.4981,
42.8643)**

Conversions

Conversions Part 1

Format	Color
Hex	78303E
RGB	120, 48, 62
RGB Percent	47%, 19%, 24%
CMY	0.5294, 0.8118, 0.7569
CMYK	0.00, 0.60, 0.48, 0.53
HSL	348°, 43%, 33%
HSV	348°, 60%, 47%
XYZ	9.6722, 6.4548, 5.2935
YIQ	71.1240, 38.4180, 19.6180

Conversions

Conversions Part 2

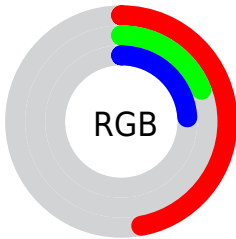
Format	Color
RYB	120, 48, 62
Decimal	7876670
CIELab	30.53, 32.87, 7.23
CIELCh	31, 33.652, 12.411
Yxy	6.4548, 0.4515, 0.3013
Android (android.graphics.Color)	4286066750 (0xFF78303E)
YUV	71.1240, -4.4981, 42.8643
Hunter-Lab	25.4062, 23.4942, 5.4309

Details

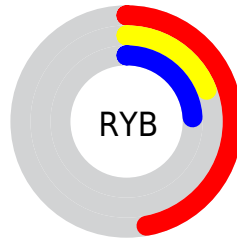
The YUV color **71.1240, -4.4981, 42.8643** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **96.8760, 4.4981, -42.8643**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.6900, -6.2562, 46.7529**, and **22.3130, -1.1403, 39.1905** is the 20% darker color. If you saturate the color by 10%, you get **62.9400, -5.3934, 50.0416**, and if you desaturate by 10%, it is **79.3080, -3.6028, 35.6869**.

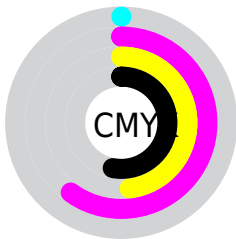
Distribution



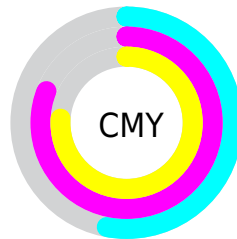
- Red (47%)
- Green (19%)
- Blue (24%)



- Red (47%)
- Yellow (19%)
- Blue (24%)



- Cyan (0%)
- Magenta (60%)
- Yellow (48%)
- Black (53%)



- Cyan (53%)
- Magenta (81%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.1240, -4.4981, 42.8643 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 71.1240, -4.4981, 42.8643 by changing the saturation by 10% instead.

71.1240, -4.4981,
42.8643

71.1240, -4.4981,
42.8643

255.0000, 0.0000,
0.0000

45.8680, -2.8929,
41.3348

121.6900, -6.2562,
46.7529

22.3130, -1.1403,
39.1905

148.5870, -6.6984,
48.5972

13.8680, -6.3439,
28.1798

175.4840, -7.1406,
50.4415

0.0000, 0.0000,
0.0000

201.5760, -6.6930,
46.8528

220.5030, -2.7130,
30.2539

240.8320, 1.5618,

12.4253

■ 71.1240, -4.4981,
42.8643

■ 71.1240, -4.4981,
42.8643

■ 62.9400, -5.3934,
50.0416

■ 79.3080, -3.6028,
35.6869

■ 54.8700, -5.8519,
57.1190

■ 87.3780, -3.1444,
28.6095

■ 46.6860, -6.7472,
64.2964

■ 95.5620, -2.2491,
21.4321

■ 38.5020, -7.6425,
71.4737

■ 103.7460, -1.3538,
14.2548

■ 111.8160, -0.8953,
7.1774

■ 120.0000, 0.0000,
0.0000

■ 128.1840, 0.8953,
-7.1774

■ 136.2540, 1.3538,
-14.2548

■ 144.4380, 2.2491,
-21.4321

Harmonies

Analogous

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



72.8700, 7.4591, 34.3170



71.1240, -4.4981, 42.8643



71.0020, -16.2700, 38.5862

Triad

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



71.1240, -4.4981, 42.8643



64.5470, -16.5387, -15.3887



60.2810, 30.4275, -52.8664

Complementary

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



71.1240, -4.4981, 42.8643



96.8760, 4.4981, -42.8643

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.



60.9190, 22.7179, -53.4260



71.1240, -4.4981, 42.8643



55.5780, -0.2850, -48.7419

Square

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



71.1240, -4.4981, 42.8643



67.9860, -25.6291, 7.0283



59.2430, 11.2192, -51.9561



68.5560, 26.8409, -22.4126

Rectangle

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



71.1240, -4.4981, 42.8643



70.0520, -22.2106, 30.6494



59.2430, 11.2192, -51.9561



60.9990, 28.1015, -53.4961

Sweetspot

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



71.1240, -4.4981, 42.8643



136.9420, -1.9434, 16.7139



73.5500, 22.8999, 28.4587



67.4250, -1.1955, 10.1513



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.



71.1240, -4.4981, 42.8643



79.8820, -7.3368, 66.7555



82.4420, -16.9799, 32.9384



56.9080, -0.4476, 3.5887



40.1110, -7.9427, 74.4477



80.9340, -15.7435, 150.0249

Inverse Universe

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



71.1240, -4.4981, 42.8643



79.8820, -7.3368, 66.7555



85.5580, 16.9799, -32.9384



56.9080, -0.4476, 3.5887



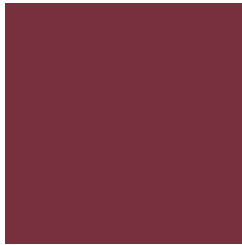
40.1110, -7.9427, 74.4477



80.9340, -15.7435, 150.0249

Previews

White Background



This preview shows how the YUV color 71.1240, -4.4981, 42.8643 looks on a white background.

Color Contrast Check

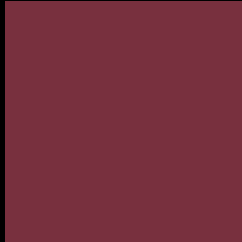
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.1240, -4.4981, 42.8643 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 71.1240, -4.4981, 42.8643

Background



This preview shows how black text looks on a background with the YUV color 71.1240, -4.4981, 42.8643.



This preview shows how white text looks on a background with the YUV color 71.1240, -4.4981,

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

71.1240, -4.4981, 42.8643

Protanopia

72.6410, 1.1630, 0.3148

Deuteranopia

73.2310, -7.0159, 10.3214



Tritanopia

70.9730, -8.8607, 42.1197

Trichromacy



Original Color

71.1240, -4.4981, 42.8643

Protanomaly

71.8710, -0.9224, 15.8991

Deuteranomaly

72.5360, -6.1802, 22.3319

Tritanomaly

70.7280, -7.2609, 42.3345

Monochromacy



Original Color

71.1240, -4.4981, 42.8643

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.3440, -1.6486, 15.4843

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.1240, -4.4981, 42.8643 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(120, 48, 62)` looks like.

```
.text, #text, p{  
    color:rgb(120, 48, 62)  
}
```

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(120, 48, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 48, 62) }
```

Border

The CSS property to change the border of an element to YUV 71.1240, -4.4981, 42.8643 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(120, 48, 62) }
```


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

```
.border{ border-color:rgb(120, 48, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 48, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 48, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 48, 62);  
box-shadow:4px 4px 4px 4px rgb(120, 48,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 71.1240, -4.4981, 42.8643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 48, 62) }
```

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

```
.background{ background-color: rgb(120, 48,  
62) }
```

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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