

Converting Colors

YUV(42.2370, -12.4418,
70.8292)

Have a look what the booklet for
YUV(42.2370, -12.4418, 70.8292)
contains.

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Color

**YUV(42.2370, -12.4418,
70.8292)**

Conversions

Conversions Part 1

Format	Color
Hex	7B0611
RGB	123, 6, 17
RGB Percent	48%, 2%, 7%
CMY	0.5176, 0.9765, 0.9333
CMYK	0.00, 0.95, 0.86, 0.52
HSL	354°, 91%, 25%
HSV	354°, 95%, 48%
XYZ	8.3347, 4.3817, 0.9368
YIQ	42.2370, 66.2010, 28.2250

Conversions

Conversions Part 2

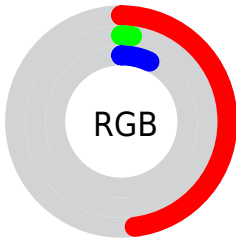
Format	Color
RYB	123, 6, 17
Decimal	8062481
CIELab	24.90, 45.86, 29.52
CIELCh	25, 54.545, 32.770
Yxy	4.3817, 0.6105, 0.3209
Android (android.graphics.Color)	4286252561 (0xFF7B0611)
YUV	42.2370, -12.4418, 70.8292
Hunter-Lab	20.9324, 34.4416, 11.9994

Details

The YUV color **42.2370, -12.4418, 70.8292** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **86.7630, 12.4418, -70.8292**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.4730, -20.4462, 71.4992**, and **19.4350, -9.5815, 39.9605** is the 20% darker color. If you saturate the color by 10%, you get **38.1450, -12.8895, 74.4178**, and if you desaturate by 10%, it is **50.5350, -11.1098, 63.5518**.

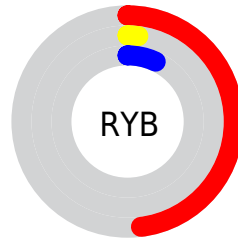
Distribution



Red (48%)

Green (2%)

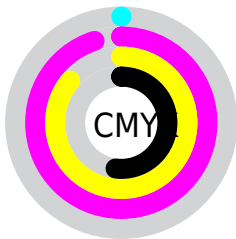
Blue (7%)



Red (48%)

Yellow (2%)

Blue (7%)

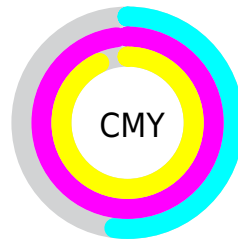


Cyan (0%)

Magenta (95%)

Yellow (86%)

Black (52%)



Cyan (52%)

Magenta (98%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.2370, -12.4418, 70.8292 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 42.2370, -12.4418, 70.8292 by changing the saturation by 10% instead.

42.2370, -12.4418,
70.8292

42.2370, -12.4418,
70.8292

253.5180, -5.6784,
1.2997

28.1060, -13.8563,
57.7890

101.4730,
-20.4462, 71.4992

19.4350, -9.5815,
39.9605

128.3270,
-22.3462, 74.2582

11.1770, -5.0173,
22.6468

156.1810,
-24.2462, 77.0173


0.0000, 0.0000,
0.0000


178.2830,
-22.3245, 67.2808


197.6830,
-19.0707, 50.2670


217.1970,


-15.3801, 33.1532


 237.4120,
-11.5421, 15.4247


 42.2370, -12.4418,
70.8292


 42.2370, -12.4418,
70.8292


 38.1450, -12.8895,
74.4178

 50.5350, -11.1098,
63.5518

 59.4200, -10.0671,
55.7597

 67.7180, -8.7350,
48.4823

 76.1300, -6.9661,
41.1050

 85.0150, -5.9234,
33.3128

■ 93.3130, -4.5913,
26.0355

■ 101.6110, -3.2592,
18.7582

■ 109.9090, -1.9271,
11.4808

■ 118.7940, -0.8844,
3.6887

Harmonies

Analogous

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



44.7700, 6.0294, 72.9927



42.2370, -12.4418, 70.8292



54.5650, -26.9005, 41.6005

Triad

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



42.2370, -12.4418, 70.8292



44.7890, -13.7000, -39.2800



53.8700, 43.9411, -47.2440

Complementary

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



42.2370, -12.4418, 70.8292



86.7630, 12.4418, -70.8292

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.



58.0130, 36.9686, -50.8774



42.2370, -12.4418, 70.8292



51.0930, 5.3772, -44.8086

Square

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



42.2370, -12.4418, 70.8292



48.2770, -23.8006, -19.5369



56.3540, 22.9965, -49.4225



58.8650, 35.0696, -1.6356

Rectangle

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



42.2370, -12.4418, 70.8292



56.2160, -27.7145, 22.6126



56.3540, 22.9965, -49.4225



56.1040, 42.3467, -49.2032

Sweetspot

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



42.2370, -12.4418, 70.8292



128.5090, -5.1809, 28.4946



50.7330, 35.6276, 52.8542



62.0130, -2.9644, 17.5286



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



42.2370, -12.4418, 70.8292



49.8490, -17.1806, 97.4794



68.5720, -30.8480, 47.7334



56.9080, -0.4476, 3.5887



38.7430, -13.1843, 75.6474



78.0840, -26.6634, 152.5243

Inverse Universe

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



42.2370, -12.4418, 70.8292



49.8490, -17.1806, 97.4794



60.4280, 30.8480, -47.7334



56.9080, -0.4476, 3.5887



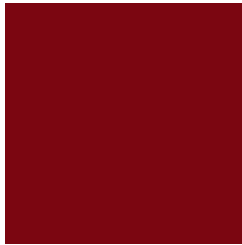
38.7430, -13.1843, 75.6474



78.0840, -26.6634, 152.5243

Previews

White Background



This preview shows how the YUV color 42.2370, -12.4418, 70.8292 looks on a white background.

Color Contrast Check

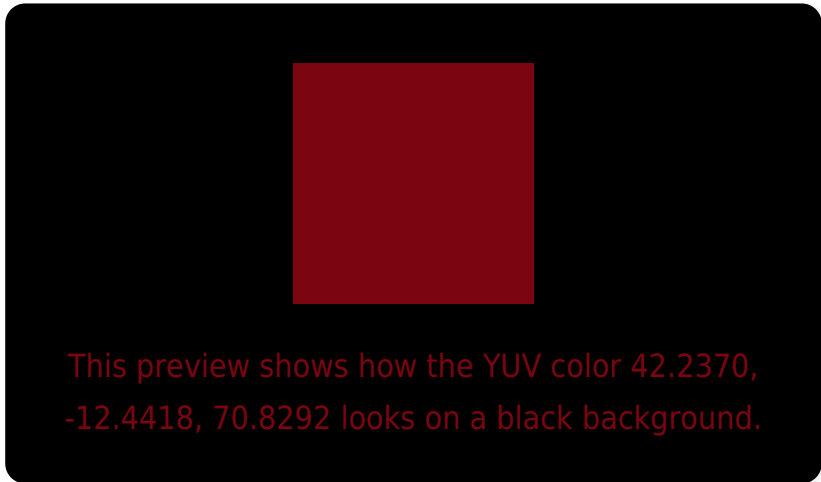
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.2370, -12.4418, 70.8292

Background



This preview shows how black text looks on a background with the YUV color 42.2370, -12.4418, 70.8292.



This preview shows how white text looks on a background with the YUV color 42.2370, -12.4418,

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

42.2370, -12.4418, 70.8292

Protanopia

60.2170, -15.8830, 7.7027

Deuteranopia

58.2540, -28.7192, 18.1942



Tritanopia

43.2340, -21.3144, 69.9548

Trichromacy



Original Color

42.2370, -12.4418, 70.8292

Protanomaly

54.0010, -14.7905, 30.6941

Deuteranomaly

52.5690, -22.9585, 37.2120

Tritanomaly

42.7440, -18.1148, 70.3845

Monochromacy



Original Color

42.2370, -12.4418, 70.8292

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.0140, -4.4439, 25.4207

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.2370, -12.4418, 70.8292 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(123, 6, 17)` looks like.

```
.text, #text, p{  
    color:rgb(123, 6, 17)  
}
```

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(123, 6, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 6, 17) }
```

Border

The CSS property to change the border of an element to YUV 42.2370, -12.4418, 70.8292 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(123, 6, 17) }
```


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

```
.border{ border-color:rgb(123, 6, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 6, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 6, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 6, 17);  
box-shadow:4px 4px 4px 4px rgb(123, 6, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.2370, -12.4418, 70.8292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 6, 17) }
```

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

```
.background{ background-color: rgb(123, 6,  
17) }
```

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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