

Converting Colors

YUV(71.8660, 23.7301, 42.2135)

Have a look what the booklet for
YUV(71.8660, 23.7301, 42.2135)
contains.

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Color

**YUV(71.8660, 23.7301,
42.2135)**

Conversions

Conversions Part 1

Format	Color
Hex	782678
RGB	120, 38, 120
RGB Percent	47%, 15%, 47%
CMY	0.5294, 0.8510, 0.5294
CMYK	0.00, 0.68, 0.00, 0.53
HSL	300°, 52%, 31%
HSV	300°, 68%, 47%
XYZ	11.8290, 6.7354, 18.4459
YIQ	71.8660, 22.5500, 42.8860

Conversions

Conversions Part 2

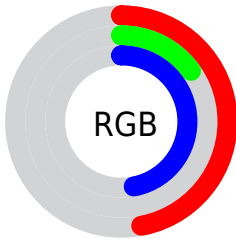
Format	Color
R_{YB}	120, 38, 120
Decimal	7874168
CIE _{Lab}	31.20, 46.20, -29.29
CIE _{LCh}	31, 54.704, 327.626
Yxy	6.7354, 0.3196, 0.1820
Android (android.graphics.Color)	4286064248 (0xFF782678)
YUV	71.8660, 23.7301, 42.2135
Hunter-Lab	25.9526, 35.9421, -23.9738

Details

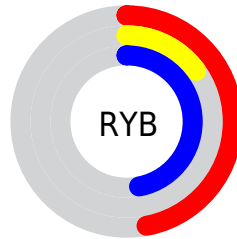
The YUV color **71.8660, 23.7301, 42.2135** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **86.1340, -23.7301, -42.2135**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.8770, 23.7246, 43.9579**, and **28.4260, 20.9890, 34.7064** is the 20% darker color. If you saturate the color by 10%, you get **64.8220, 27.2028, 48.3911**, and if you desaturate by 10%, it is **78.9100, 20.2574, 36.0359**.

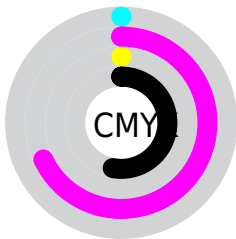
Distribution



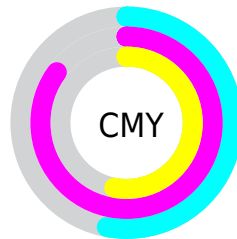
- Red (47%)
- Green (15%)
- Blue (47%)



- Red (47%)
- Yellow (15%)
- Blue (47%)



- Cyan (0%)
- Magenta (68%)
- Yellow (0%)
- Black (53%)





- Cyan (53%)
- Magenta (85%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 71.8660, 23.7301, 42.2135 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 71.8660, 23.7301, 42.2135 by changing the saturation by 10% instead.


 71.8660, 23.7301,
42.2135


 71.8660, 23.7301,
42.2135


255.0000, 0.0000,
0.0000


 41.8710, 26.1926,
45.7171


 124.8770, 23.7246,
43.9579


 28.4260, 20.9890,
34.7064

 151.5890, 23.8666,
45.0874


 19.2260, 14.1856,
23.4808

 179.3010, 24.0086,
46.2170

 4.4590, 10.6197,
0.4745

 205.6920, 24.3088,
43.2431

 0.0000, 0.0000,
0.0000

 222.1280, 16.2059,
28.8287

 238.5640, 8.1029,

14.4144

■ 71.8660, 23.7301,
42.2135

■ 71.8660, 23.7301,
42.2135

■ 64.8220, 27.2028,
48.3911

■ 78.9100, 20.2574,
36.0359

■ 57.7780, 30.6754,
54.5687

■ 85.9540, 16.7847,
29.8583

■ 50.7340, 34.1481,
60.7463

■ 92.9980, 13.3120,
23.6808

■ 49.5600, 34.7269,
61.7759

■ 100.0420, 9.8393,
17.5032

■ 107.0860, 6.3666,
11.3256

■ 114.1300, 2.8939,
5.1480

■ 121.1740, -0.5788,
-1.0296

■ 128.2180, -4.0515,
-7.2072

■ 135.2620, -7.5242,
-13.3848

Harmonies

Analogous

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



71.7220, 38.5911, -11.1572



71.8660, 23.7301, 42.2135



57.9320, 10.3865, 75.4816

Triad

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



71.8660, 23.7301, 42.2135



69.7830, -34.4030, 21.2383



66.1850, 22.5868, -58.0442

Complementary

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



71.8660, 23.7301, 42.2135



86.1340, -23.7301, -42.2135

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.



61.2830, 3.8045, -53.7452



71.8660, 23.7301, 42.2135



63.6820, -31.3952, -10.2451

Square

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



71.8660, 23.7301, 42.2135



67.3120, -33.1848, 50.5924



54.1640, -15.8569, -47.5018



68.8870, 38.0167, -60.4139

Rectangle

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



71.8660, 23.7301, 42.2135



58.1590, -4.0224, 77.0366



54.1640, -15.8569, -47.5018



65.1760, 16.1822, -57.1594

Sweetspot

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



71.8660, 23.7301, 42.2135



136.6290, 9.5499, 16.9884



47.3480, 35.8174, -8.1982



67.2600, 5.7878, 10.2960



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.



71.8660, 23.7301, 42.2135



80.8640, 37.0420, 65.8943



67.1920, 5.8213, 46.3126



57.4780, 1.7363, 3.0888



51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Inverse Universe

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



71.8660, 23.7301, 42.2135



80.8640, 37.0420, 65.8943



90.8080, -5.8213, -46.3126



57.4780, 1.7363, 3.0888



51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Previews

White Background



This preview shows how the YUV color 71.8660, 23.7301, 42.2135 looks on a white background.

Color Contrast Check

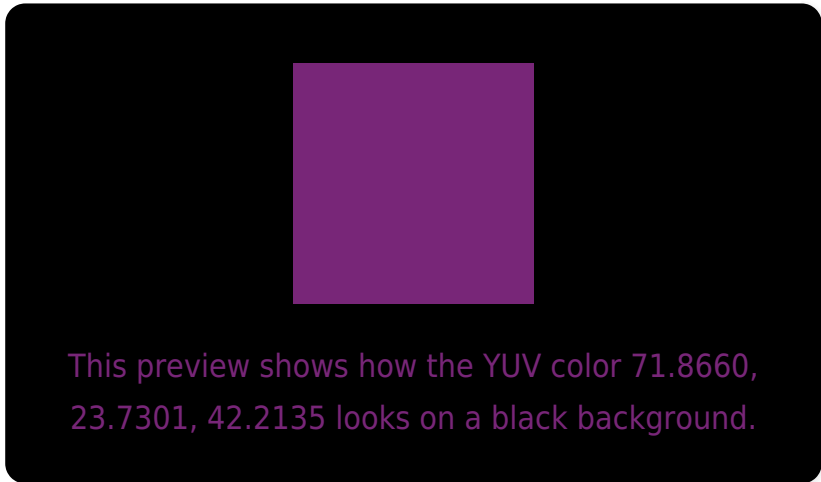
Large Text (above 18pt) WCAG AA ✓ Pass

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

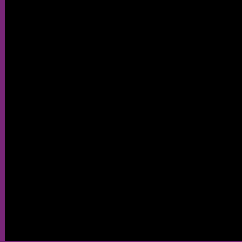
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.8660, 23.7301, 42.2135

Background



This preview shows how black text looks on a background with the YUV color 71.8660, 23.7301, 42.2135.



This preview shows how white text looks on a background with the YUV color 71.8660, 23.7301,

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

71.8660, 23.7301, 42.2135

Protanopia

63.1800, 43.7883, -44.8849

Deuteranopia

72.8790, 20.2727, -15.6799



Tritanopia

74.2000, -6.5076, 34.0276

Trichromacy



Original Color

71.8660, 23.7301, 42.2135

Protanomaly

66.4290, 36.2705, -13.5312

Deuteranomaly

72.6520, 21.3706, 5.5672

Tritanomaly

73.3820, 4.2487, 37.3760

Monochromacy



Original Color

71.8660, 23.7301, 42.2135

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.9770, 8.3923, 14.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.8660, 23.7301, 42.2135 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, 38, 120)` looks like.

```
.text, #text, p{  
    color:rgb(120, 38, 120)  
}
```

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, 38, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 38, 120) }
```

Border

The CSS property to change the border of an element to YUV 71.8660, 23.7301, 42.2135 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, 38, 120) }
```


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

```
.border{ border-color:rgb(120, 38, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 38, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 38, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 38, 120);  
box-shadow:4px 4px 4px 4px rgb(120, 38,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 71.8660, 23.7301, 42.2135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 38, 120) }
```

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

```
.background{ background-color: rgb(120, 38,  
120) }
```

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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