

Converting Colors

YUV(47.8330, 13.8863, 72.9375)

Have a look what the booklet for
YUV(47.8330, 13.8863, 72.9375)
contains.

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Color

**YUV(47.8330, 13.8863,
72.9375)**

Conversions

Conversions Part 1

Format	Color
Hex	83004C
RGB	131, 0, 76
RGB Percent	51%, 0%, 30%
CMY	0.4863, 1.0000, 0.7020
CMYK	0.00, 1.00, 0.42, 0.49
HSL	325°, 100%, 26%
HSV	325°, 100%, 51%
XYZ	10.6646, 5.3471, 7.3075
YIQ	47.8330, 53.6800, 51.4080

Conversions

Conversions Part 2

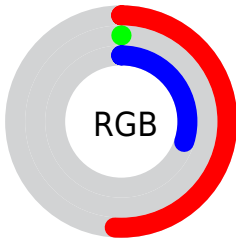
Format	Color
R_{YB}	131, 0, 76
Decimal	8585292
CIE _{Lab}	27.70, 52.79, -5.93
CIE _{LCh}	28, 53.123, 353.592
Yxy	5.3471, 0.4573, 0.2293
Android (android.graphics.Color)	4286775372 (0xFF83004C)
YUV	47.8330, 13.8863, 72.9375
Hunter-Lab	23.1238, 41.8567, -2.5499

Details

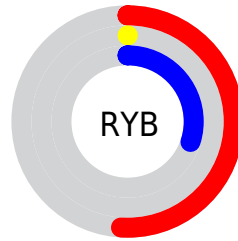
The YUV color **47.8330, 13.8863, 72.9375** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **83.1670, -13.8863, -72.9375**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.5520, 6.6299, 67.0449**, and **26.3720, 2.7746, 43.5238** is the 20% darker color. If you saturate the color by 10%, you get **47.8330, 13.8863, 72.9375**, and if you desaturate by 10%, it is **56.1480, 12.7450, 65.6452**.

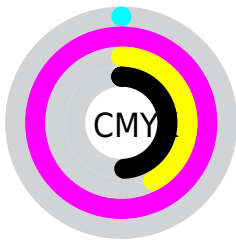
Distribution



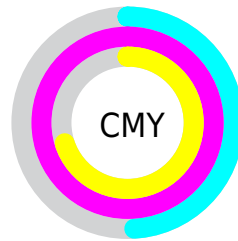
- Red (51%)
- Green (0%)
- Blue (30%)



- Red (51%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.8330, 13.8863, 72.9375 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 47.8330, 13.8863, 72.9375 by changing the saturation by 10% instead.

47.8330, 13.8863,
72.9375

47.8330, 13.8863,
72.9375

255.0000, 0.0000,
0.0000

36.8390, 7.9674,
58.0232

111.5520, 6.6299,
67.0449

26.3720, 2.7746,
43.5238

139.3350, 5.7508,
68.9892

16.3460, -4.6076,
31.2686

167.1180, 4.8718,
70.9335

0.0000, 0.0000,
0.0000

188.8390, 7.9674,
58.0232

208.4670, 12.0948,
40.8094

227.9980, 13.3120,

23.6808

■ 245.0210, 4.9196,
8.7516

■ 47.8330, 13.8863,
72.9375

■ 56.1480, 12.7450,
65.6452

■ 64.3490, 11.1669,
58.4529

■ 72.6640, 10.0256,
51.1607

■ 80.8650, 8.4476,
43.9684

■ 89.7670, 7.0169,
36.1613

■ 97.9680, 5.4388,
28.9691

■ 106.2830, 4.2975,
21.6768

■ 114.4840, 2.7194,
14.4845

■ 122.7990, 1.5781,
7.1923

Harmonies

Analogous

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



64.1640, 25.0621, 34.9362



47.8330, 13.8863, 72.9375



49.7410, -6.7743, 73.0181

Triad

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



47.8330, 13.8863, 72.9375



58.1000, -28.6433, -6.2267



61.8940, 34.0693, -54.2810

Complementary

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



47.8330, 13.8863, 72.9375



83.1670, -13.8863, -72.9375

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.



59.1920, 18.6393, -51.9114



47.8330, 13.8863, 72.9375



47.2850, -19.3675, -41.4689

Square

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



47.8330, 13.8863, 72.9375



62.1190, -30.6247, 22.6976



54.4040, 0.2938, -47.7123



59.7230, 43.5206, -52.3771

Rectangle

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



47.8330, 13.8863, 72.9375



56.6580, -24.4814, 59.0589



54.4040, 0.2938, -47.7123



61.9280, 29.1225, -54.3109

Sweetspot

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



47.8330, 13.8863, 72.9375



138.5550, 5.1494, 28.4543



31.3790, 49.1132, 20.7156



66.7340, 3.5821, 17.7733



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



47.8330, 13.8863, 72.9375



62.4150, 18.0364, 95.2290



40.4230, -14.5055, 79.4360



62.2500, 0.8628, 3.2888



47.4200, 13.5969, 72.4227



1.0110, -0.0054, 1.7444

Inverse Universe

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



47.8330, 13.8863, 72.9375



62.4150, 18.0364, 95.2290



90.5770, 14.5055, -79.4360



62.2500, 0.8628, 3.2888



47.4200, 13.5969, 72.4227



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 47.8330, 13.8863, 72.9375 looks on a white background.

Color Contrast Check

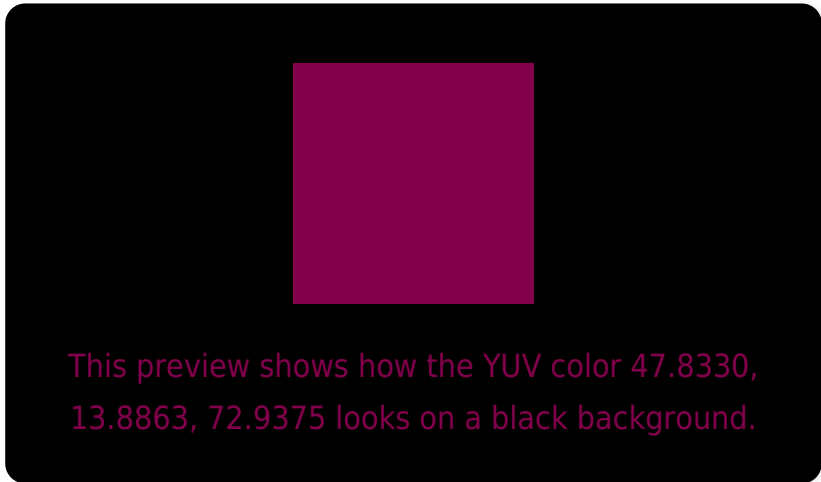
Large Text (above 18pt) WCAG AA ✓ Pass

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

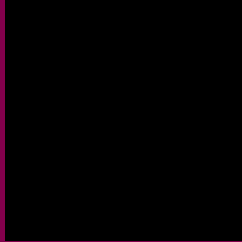
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.8330, 13.8863, 72.9375

Background



This preview shows how black text looks on a background with the YUV color 47.8330, 13.8863, 72.9375.



This preview shows how white text looks on a background with the YUV color 47.8330, 13.8863,

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

47.8330, 13.8863, 72.9375

Protanopia

68.1890, 20.1198, -13.3208

Deuteranopia

69.7340, 0.1311, 4.6183



Tritanopia

59.4160, -14.0091, 60.1482

Trichromacy



Original Color

47.8330, 13.8863, 72.9375

Protanomaly

60.5180, 17.9856, 17.9627

Deuteranomaly

61.8540, 5.0020, 29.0690

Tritanomaly

55.0820, -3.9844, 64.8261

Monochromacy



Original Color

47.8330, 13.8863, 72.9375

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.1310, 4.8654, 26.1951

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.8330, 13.8863, 72.9375 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(131, 0, 76)` looks like.

```
.text, #text, p{  
    color:rgb(131, 0, 76)  
}
```

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(131, 0, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 0, 76) }
```

Border

The CSS property to change the border of an element to YUV 47.8330, 13.8863, 72.9375 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(131, 0, 76) }
```


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

```
.border{ border-color:rgb(131, 0, 76) }
```

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

Here you see how a box with a 4 pixel rgb(131, 0, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 0, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 0, 76);  
box-shadow:4px 4px 4px 4px rgb(131, 0, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.8330, 13.8863, 72.9375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 0, 76) }
```

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

```
.background{ background-color: rgb(131, 0,  
76) }
```

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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