

Converting Colors

YUV(43.8470, 19.3024, 62.4012)

Have a look what the booklet for
YUV(43.8470, 19.3024, 62.4012)
contains.

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Color

**YUV(43.8470, 19.3024,
62.4012)**

Conversions

Conversions Part 1

Format	Color
Hex	730053
RGB	115, 0, 83
RGB Percent	45%, 0%, 33%
CMY	0.5490, 1.0000, 0.6745
CMYK	0.00, 1.00, 0.28, 0.55
HSL	317°, 100%, 23%
HSV	317°, 100%, 45%
XYZ	8.6316, 4.2694, 8.5528
YIQ	43.8470, 41.8970, 50.1930

Conversions

Conversions Part 2

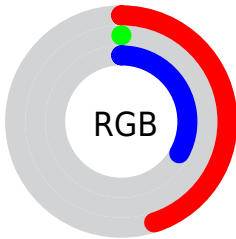
Format	Color
R_{YB}	115, 0, 83
Decimal	7536723
CIE _{Lab}	24.54, 49.99, -15.75
CIE _{LCh}	25, 52.414, 342.510
Yxy	4.2694, 0.4023, 0.1990
Android (android.graphics.Color)	4285726803 (0xFF730053)
YUV	43.8470, 19.3024, 62.4012
Hunter-Lab	20.6625, 38.4075, -10.0780

Details

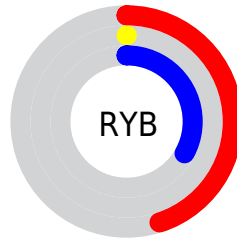
The YUV color **43.8470, 19.3024, 62.4012** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **71.1530, -19.3024, -62.4012**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.0330, 13.7877, 57.8531**, and **22.8700, 7.4591, 34.3170** is the 20% darker color. If you saturate the color by 10%, you get **43.8470, 19.3024, 62.4012**, and if you desaturate by 10%, it is **50.6460, 17.4295, 56.4385**.

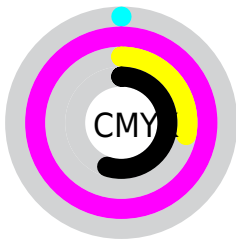
Distribution



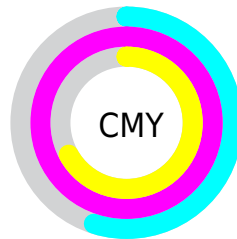
- Red (45%)
- Green (0%)
- Blue (33%)



- Red (45%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (55%)



- Cyan (55%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.8470, 19.3024, 62.4012 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 43.8470, 19.3024, 62.4012 by changing the saturation by 10% instead.

■ 43.8470, 19.3024,
62.4012

■ 43.8470, 19.3024,
62.4012

255.0000, 0.0000,
0.0000

■ 33.1520, 13.2361,
48.1017

■ 105.0330, 13.7877,
57.8531

■ 22.8700, 7.4591,
34.3170

■ 132.2180, 13.2035,
58.5678

■ 12.8870, 1.5347,
21.1471

■ 159.8160, 12.9087,
59.7974

■ 0.0000, 0.0000,
0.0000

■ 186.9300, 13.3455,
59.6974

■ 206.5580, 17.4729,
42.4836

■ 224.4760, 15.0483,

26.7695

■ 241.4990, 6.6560,
11.8404

■ 43.8470, 19.3024,
62.4012

■ 50.6460, 17.4295,
56.4385

■ 58.0320, 15.2672,
49.9609

■ 65.5320, 13.5417,
43.3834

■ 72.3310, 11.6688,
37.4207

■ 79.7170, 9.5065,
30.9432

■ 86.5160, 7.6336,
24.9805

■ 93.9020, 5.4713,
18.5029

■ 100.8150, 4.0352,
12.4402

■ 108.2010, 1.8729,
5.9627

Harmonies

Analogous

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



58.3790, 28.9002, 17.2076



43.8470, 19.3024, 62.4012



42.3910, 0.7932, 72.4481

Triad

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



43.8470, 19.3024, 62.4012



53.7360, -26.4918, 3.7395



56.0920, 27.0696, -49.1927

Complementary

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



43.8470, 19.3024, 62.4012



71.1530, -19.3024, -62.4012

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.



51.8740, 10.9081, -45.4935



43.8470, 19.3024, 62.4012



40.5030, -19.9680, -35.5211

Square

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



43.8470, 19.3024, 62.4012



55.3850, -27.3048, 31.2344



46.6130, -6.7112, -40.8796



55.8930, 38.9998, -49.0182

Rectangle

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



43.8470, 19.3024, 62.4012



43.8020, -12.7204, 66.8256



46.6130, -6.7112, -40.8796



54.8380, 22.2649, -48.0929

Sweetspot

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



43.8470, 19.3024, 62.4012



122.2170, 7.7810, 24.3657



22.3790, 45.6622, 7.5606



59.6520, 4.6086, 15.2142



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



43.8470, 19.3024, 62.4012



57.2760, 25.4999, 81.3189



37.4630, -5.1583, 67.9999



55.2500, 0.8628, 3.2888



46.5100, 20.4546, 66.2047



95.2700, 41.7719, 135.6982

Inverse Universe

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



43.8470, 19.3024, 62.4012



57.2760, 25.4999, 81.3189



77.5370, 5.1583, -67.9999



55.2500, 0.8628, 3.2888



46.5100, 20.4546, 66.2047



95.2700, 41.7719, 135.6982

Previews

White Background



This preview shows how the YUV color 43.8470, 19.3024, 62.4012 looks on a white background.

Color Contrast Check

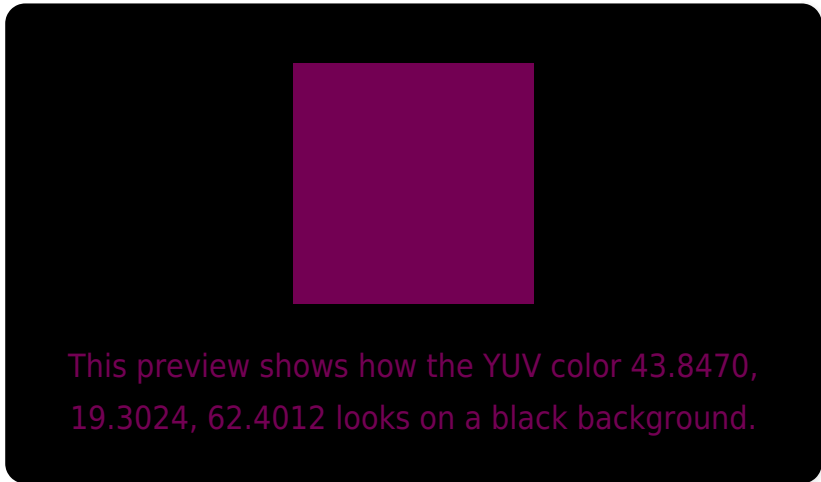
Large Text (above 18pt) WCAG AA ✓ Pass

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

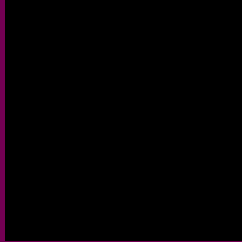
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.8470, 19.3024, 62.4012

Background



This preview shows how black text looks on a background with the YUV color 43.8470, 19.3024, 62.4012.



This preview shows how white text looks on a background with the YUV color 43.8470, 19.3024,

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



Protanopia

57.6420, 29.7565, -24.2420

Deuteranopia

62.6390, 7.5730, -2.3144

Tritanopia

56.4360, -11.0609, 47.8526

Trichromacy



Protanomaly

52.5150, 25.8751, 7.4413

Deuteranomaly

55.9330, 11.8650, 21.1068

Tritanomaly

51.7430, 0.1267, 52.8454

Monochromacy



Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

43.9780, 6.9128, 22.8213

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.8470, 19.3024, 62.4012 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(115, 0, 83)` looks like.

```
.text, #text, p{  
  color:rgb(115, 0, 83)  
}
```

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(115, 0, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 0, 83) }
```

Border

The CSS property to change the border of an element to YUV 43.8470, 19.3024, 62.4012 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(115, 0, 83) }
```

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

```
.border{ border-color:rgb(115, 0, 83) }
```

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

Here you see how a box with a 4 pixel rgb(115, 0, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 0, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 0, 83);  
box-shadow:4px 4px 4px 4px rgb(115, 0, 83)  
}
```


Background

The CSS property to change the background color of an element to YUV 43.8470, 19.3024, 62.4012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 0, 83) }
```

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

```
.background{ background-color: rgb(115, 0,  
83) }
```

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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