

Converting Colors

YUV(48.1570, 19.1496, 64.7603)

Have a look what the booklet for
YUV(48.1570, 19.1496, 64.7603)
contains.

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Color

**YUV(48.1570, 19.1496,
64.7603)**

Conversions

Conversions Part 1

Format	Color
Hex	7A0357
RGB	122, 3, 87
RGB Percent	48%, 1%, 34%
CMY	0.5216, 0.9882, 0.6588
CMYK	0.00, 0.98, 0.29, 0.52
HSL	318°, 95%, 25%
HSV	318°, 98%, 48%
XYZ	9.7789, 4.8908, 9.4454
YIQ	48.1570, 43.9600, 51.3520

Conversions

Conversions Part 2

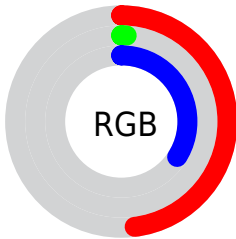
Format	Color
R_{YB}	122, 3, 87
Decimal	7996247
CIE _{Lab}	26.42, 51.44, -15.40
CIE _{LCh}	26, 53.694, 343.338
Yxy	4.8908, 0.4055, 0.2028
Android (android.graphics.Color)	4286186327 (0xFF7A0357)
YUV	48.1570, 19.1496, 64.7603
Hunter-Lab	22.1152, 40.2276, -9.8422

Details

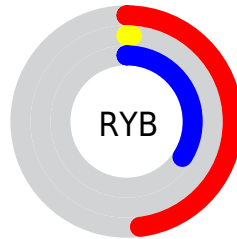
The YUV color **48.1570, 19.1496, 64.7603** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **76.8430, -19.1496, -64.7603**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.3430, 13.6349, 60.2122**, and **25.0060, 7.8850, 37.7057** is the 20% darker color. If you saturate the color by 10%, you get **46.2820, 19.5810, 66.4047**, and if you desaturate by 10%, it is **55.6570, 17.4241, 58.1828**.

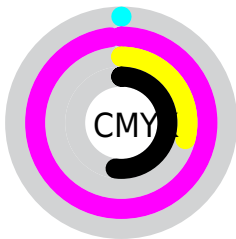
Distribution



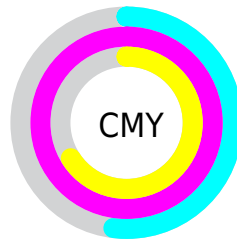
- Red (48%)
- Green (1%)
- Blue (34%)



- Red (48%)
- Yellow (1%)
- Blue (34%)



- Cyan (0%)
- Magenta (98%)
- Yellow (29%)
- Black (52%)



- Cyan (52%)
- Magenta (99%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.1570, 19.1496, 64.7603 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 48.1570, 19.1496, 64.7603 by changing the saturation by 10% instead.

■ 48.1570, 19.1496,
64.7603

■ 48.1570, 19.1496,
64.7603

255.0000, 0.0000,
0.0000

■ 35.7010, 13.9514,
52.0052

■ 109.3430, 13.6349,
60.2122

■ 25.0060, 7.8850,
37.7057

■ 136.8270, 12.9033,
61.5417

■ 15.5500, 2.6869,
24.9507

■ 164.4250, 12.6085,
62.7713

■ 0.0000, 0.0000,
0.0000


■ 189.7340, 13.9351,
57.2383


■ 209.4760, 18.4993,
39.9245


■ 226.8240, 13.8908,


24.7104


 243.8470, 5.4984,
9.7812


 48.1570, 19.1496,
64.7603


 48.1570, 19.1496,
64.7603


 46.2820, 19.5810,
66.4047

 55.6570, 17.4241,
58.1828

 63.0430, 15.2618,
51.7053

 71.1300, 13.2469,
44.6130

 78.5160, 11.0846,
38.1355

 86.0160, 9.3591,
31.5580

■ 93.5160, 7.6336,
24.9805

■ 100.9020, 5.4713,
18.5029

■ 108.9890, 3.4564,
11.4106

■ 116.3750, 1.2941,
4.9331

Harmonies

Analogous

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



62.9170, 29.6209, 19.3668



48.1570, 19.1496, 64.7603



44.7120, 0.6350, 76.5516

Triad

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



48.1570, 19.1496, 64.7603



56.9810, -28.0916, 3.5247



59.8250, 28.6803, -52.4665

Complementary

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



48.1570, 19.1496, 64.7603



76.8430, -19.1496, -64.7603

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.



55.4930, 12.0820, -48.6674



48.1570, 19.1496, 64.7603



43.4380, -21.4149, -38.0951

Square

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



48.1570, 19.1496, 64.7603



59.2280, -29.1994, 32.2490



50.0040, -6.4110, -43.8535



59.6260, 40.6104, -52.2920

Rectangle

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



48.1570, 19.1496, 64.7603



49.3460, -14.4676, 67.2256



50.0040, -6.4110, -43.8535



58.5710, 23.8755, -51.3668

Sweetspot

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



48.1570, 19.1496, 64.7603



129.5160, 7.6336, 24.9805



26.7320, 46.9671, 9.0050



61.6520, 4.6086, 15.2142



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.



48.1570, 19.1496, 64.7603



60.0100, 25.6311, 85.9372



41.5450, -6.1847, 70.5590



57.2500, 0.8628, 3.2887



47.4070, 20.0123, 68.0491



95.6400, 40.6035, 137.1277

Inverse Universe

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



48.1570, 19.1496, 64.7603



60.0100, 25.6311, 85.9372



83.4550, 6.1847, -70.5590



57.2500, 0.8628, 3.2887



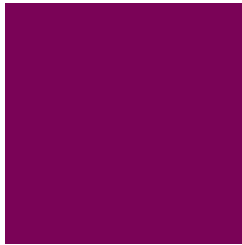
47.4070, 20.0123, 68.0491



95.6400, 40.6035, 137.1277

Previews

White Background



This preview shows how the YUV color 48.1570, 19.1496, 64.7603 looks on a white background.

Color Contrast Check

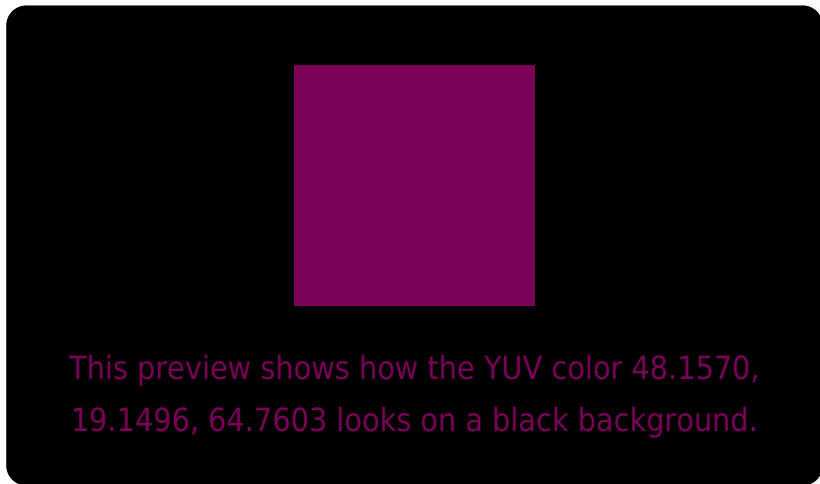
Large Text (above 18pt) WCAG AA ✓ Pass

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

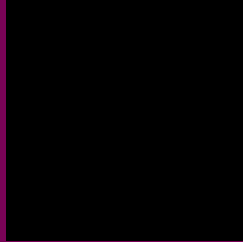
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.1570, 19.1496, 64.7603

Background



This preview shows how black text looks on a background with the YUV color 48.1570, 19.1496, 64.7603.



This preview shows how white text looks on a background with the YUV color 48.1570, 19.1496,

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

48.1570, 19.1496, 64.7603

Protanopia

61.5710, 30.7775, -25.0568

Deuteranopia

65.9380, 7.4256, -1.6996



Tritanopia

59.3440, -11.5086, 51.4413

Trichromacy



Original Color

48.1570, 19.1496, 64.7603

Protanomaly

56.7430, 26.7487, 7.2414

Deuteranomaly

59.5310, 11.5702, 22.3363

Tritanomaly

55.3520, -0.1735, 55.8193

Monochromacy



Original Color

48.1570, 19.1496, 64.7603

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.2770, 6.7654, 23.4361

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.1570, 19.1496, 64.7603 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(122, 3, 87)` looks like.

```
.text, #text, p{  
    color:rgb(122, 3, 87)  
}
```

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(122, 3, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 3, 87) }
```

Border

The CSS property to change the border of an element to YUV 48.1570, 19.1496, 64.7603 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(122, 3, 87) }
```


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

```
.border{ border-color:rgb(122, 3, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 3, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 3, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 3, 87);  
box-shadow:4px 4px 4px 4px rgb(122, 3, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.1570, 19.1496, 64.7603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 3, 87) }
```

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

```
.background{ background-color: rgb(122, 3,  
87) }
```

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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