

Converting Colors

YUV(47.4780, 18.9913, 68.8638)

Have a look what the booklet for
YUV(47.4780, 18.9913, 68.8638)
contains.

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Color

**YUV(47.4780, 18.9913,
68.8638)**

Conversions

Conversions Part 1

Format	Color
Hex	7E0056
RGB	126, 0, 86
RGB Percent	49%, 0%, 34%
CMY	0.5059, 1.0000, 0.6627
CMYK	0.00, 1.00, 0.32, 0.51
HSL	319°, 100%, 25%
HSV	319°, 100%, 49%
XYZ	10.2839, 5.1075, 9.2479
YIQ	47.4780, 47.4900, 53.4580

Conversions

Conversions Part 2

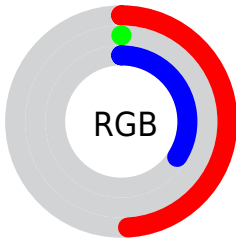
Format	Color
R_{YB}	126, 0, 86
Decimal	8257622
CIE _{Lab}	27.04, 52.74, -13.71
CIE _{LCh}	27, 54.496, 345.430
Yxy	5.1075, 0.4174, 0.2073
Android (android.graphics.Color)	4286447702 (0xFF7E0056)
YUV	47.4780, 18.9913, 68.8638
Hunter-Lab	22.5998, 41.6757, -8.4418

Details

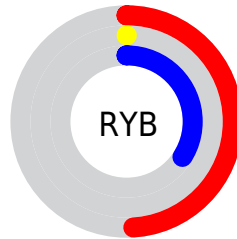
The YUV color **47.4780, 18.9913, 68.8638** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **78.5220, -18.9913, -68.8638**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.4250, 12.6085, 62.7713**, and **26.2020, 7.2954, 40.1648** is the 20% darker color. If you saturate the color by 10%, you get **47.4780, 18.9913, 68.8638**, and if you desaturate by 10%, it is **55.5650, 16.9765, 61.7715**.

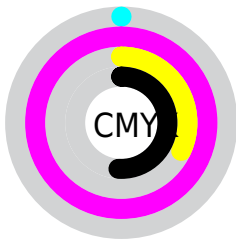
Distribution



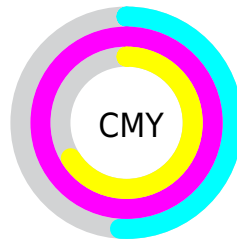
- Red (49%)
- Green (0%)
- Blue (34%)



- Red (49%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (51%)



- Cyan (51%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.4780, 18.9913, 68.8638 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 47.4780, 18.9913, 68.8638 by changing the saturation by 10% instead.

47.4780, 18.9913,
68.8638

47.4780, 18.9913,
68.8638

255.0000, 0.0000,
0.0000

36.7830, 12.9250,
54.5643

110.4250, 12.6085,
62.7713

26.2020, 7.2954,
40.1648

138.2080, 11.7295,
64.7156

16.3330, 1.8078,
26.8950

165.8060, 11.4346,
65.9451

0.0000, 0.0000,
0.0000

189.6200, 13.4983,
57.3383

209.2480, 17.6257,
40.1245

226.8240, 13.8908,

24.7104

■ 244.4340, 5.2090,
9.2664

■ 47.4780, 18.9913,
68.8638

■ 55.5650, 16.9765,
61.7715

■ 63.0650, 15.2510,
55.1940

■ 71.1520, 13.2361,
48.1017

■ 78.6520, 11.5106,
41.5242

■ 86.7390, 9.4957,
34.4319

■ 94.8260, 7.4808,
27.3396

■ 102.3260, 5.7553,
20.7621

■ 110.4130, 3.7404,
13.6698

■ 117.9130, 2.0149,
7.0923

Harmonies

Analogous

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



63.8250, 29.1733, 22.9555



47.4780, 18.9913, 68.8638



45.1960, -0.0966, 77.8811

Triad

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



47.4780, 18.9913, 68.8638



58.4430, -28.8124, 1.3655



60.9820, 30.5749, -53.4812

Complementary

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



47.4780, 18.9913, 68.8638



78.5220, -18.9913, -68.8638

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.



57.2370, 13.6872, -50.1968



47.4780, 18.9913, 68.8638



44.6120, -21.9937, -39.1247

Square

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



47.4780, 18.9913, 68.8638



60.9890, -30.0676, 30.7046



51.6340, -5.2426, -45.2830



60.6690, 42.0682, -53.2067

Rectangle

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



47.4780, 18.9913, 68.8638



51.4770, -16.5042, 67.1107



51.6340, -5.2426, -45.2830



60.3150, 25.4807, -52.8963

Sweetspot

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



47.4780, 18.9913, 68.8638



132.5270, 7.6282, 26.7248



26.3240, 49.1403, 11.9939



63.2500, 4.3137, 16.4438



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.



47.4780, 18.9913, 68.8638



61.3910, 24.4572, 89.1111



40.2960, -8.5269, 75.1624



59.6630, 1.1521, 3.8035



48.1900, 19.1333, 69.9934



0.0000, 0.0000, 0.0000

Inverse Universe

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



47.4780, 18.9913, 68.8638



61.3910, 24.4572, 89.1111



85.7040, 8.5269, -75.1624



59.6630, 1.1521, 3.8035



48.1900, 19.1333, 69.9934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 47.4780, 18.9913, 68.8638 looks on a white background.

Color Contrast Check

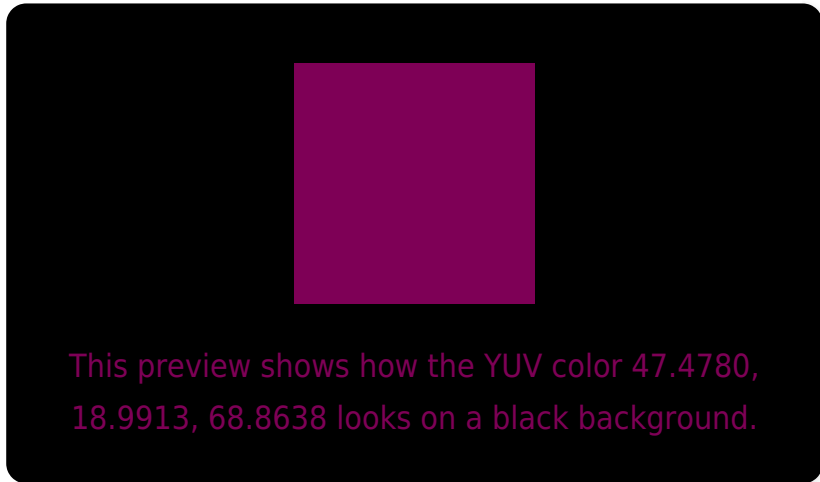
Large Text (above 18pt) WCAG AA ✓ Pass

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

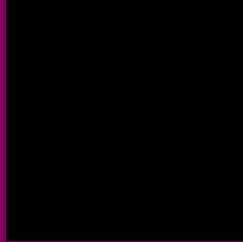
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.4780, 18.9913, 68.8638

Background



This preview shows how black text looks on a background with the YUV color 47.4780, 18.9913, 68.8638.



This preview shows how white text looks on a background with the YUV color 47.4780, 18.9913,

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

47.4780, 18.9913, 68.8638

Protanopia

64.4250, 28.8775, -22.2977

Deuteranopia

68.1940, 5.8204, -0.1701



Tritanopia

60.7250, -12.6824, 54.6152

Trichromacy



Original Color

47.4780, 18.9913, 68.8638

Protanomaly

58.4230, 25.4275, 11.0300

Deuteranomaly

60.6130, 10.5438, 24.8954

Tritanomaly

56.1460, -1.0580, 59.5080

Monochromacy



Original Color

47.4780, 18.9913, 68.8638

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.2880, 6.7600, 25.1804

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.4780, 18.9913, 68.8638 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(126, 0, 86)` looks like.

```
.text, #text, p{  
    color:rgb(126, 0, 86)  
}
```

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(126, 0, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 0, 86) }
```

Border

The CSS property to change the border of an element to YUV 47.4780, 18.9913, 68.8638 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(126, 0, 86) }
```


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

```
.border{ border-color:rgb(126, 0, 86) }
```

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

Here you see how a box with a 4 pixel rgb(126, 0, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 0, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 0, 86);  
box-shadow:4px 4px 4px 4px rgb(126, 0, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.4780, 18.9913, 68.8638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 0, 86) }
```

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

```
.background{ background-color: rgb(126, 0,  
86) }
```

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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