

Converting Colors

YUV(64.4090, 26.9134, 47.8763)

Have a look what the booklet for
YUV(64.4090, 26.9134, 47.8763)
contains.

YUV(64.4090, 26.9134, 47.8763)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(64.4090, 26.9134,
47.8763)**

Conversions

Conversions Part 1

Format	Color
Hex	771A77
RGB	119, 26, 119
RGB Percent	47%, 10%, 47%
CMY	0.5333, 0.8980, 0.5333
CMYK	0.00, 0.78, 0.00, 0.53
HSL	300°, 64%, 28%
HSV	300°, 78%, 47%
XYZ	11.3069, 5.9926, 18.0135
YIQ	64.4090, 25.5750, 48.6390

Conversions

Conversions Part 2

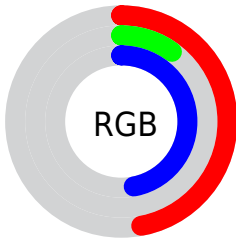
Format	Color
R_{YB}	119, 26, 119
Decimal	7805559
CIE _{Lab}	29.39, 50.24, -31.53
CIE _{LCh}	29, 59.317, 327.892
Yxy	5.9926, 0.3202, 0.1697
Android (android.graphics.Color)	4285995639 (0xFF771A77)
YUV	64.4090, 26.9134, 47.8763
Hunter-Lab	24.4799, 39.6070, -26.4927

Details

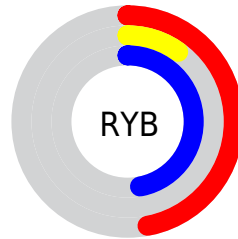
The YUV color **64.4090, 26.9134, 47.8763** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **80.5910, -26.9134, -47.8763**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.1810, 26.0398, 48.0763**, and **27.7140, 20.8470, 33.5768** is the 20% darker color. If you saturate the color by 10%, you get **57.3650, 30.3861, 54.0539**, and if you desaturate by 10%, it is **71.4530, 23.4407, 41.6987**.

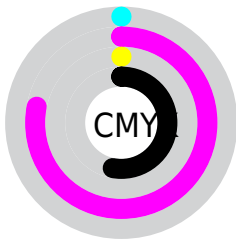
Distribution



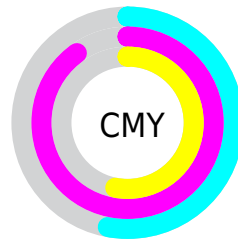
- Red (47%)
- Green (10%)
- Blue (47%)



- Red (47%)
- Yellow (10%)
- Blue (47%)



- Cyan (0%)
- Magenta (78%)
- Yellow (0%)
- Black (53%)



- Cyan (53%)
- Magenta (90%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.4090, 26.9134, 47.8763 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 64.4090, 26.9134, 47.8763 by changing the saturation by 10% instead.

64.4090, 26.9134,
47.8763

64.4090, 26.9134,
47.8763

255.0000, 0.0000,
0.0000

38.2240, 27.4976,
47.1616

119.1810, 26.0398,
48.0763

27.7140, 20.8470,
33.5768

146.4800, 25.8924,
48.6910

18.8130, 13.8962,
22.9660

174.1920, 26.0343,
49.8206

2.8500, 10.9200,
-2.4994

200.4090, 26.9134,
47.8763

0.0000, 0.0000,
0.0000

216.8450, 18.8104,
33.4619

233.8680, 10.4181,

18.5328

250.8910, 2.0257,
3.6036

64.4090, 26.9134,
47.8763

64.4090, 26.9134,
47.8763

57.3650, 30.3861,
54.0539

71.4530, 23.4407,
41.6987

50.3210, 33.8587,
60.2315

78.4970, 19.9680,
35.5211

49.1470, 34.4375,
61.2611

85.5410, 16.4953,
29.3435

92.5850, 13.0226,
23.1660

99.0420, 9.8393,
17.5032

■ 106.0860, 6.3666,
11.3256

■ 113.1300, 2.8939,
5.1480

■ 120.1740, -0.5788,
-1.0296

■ 127.2180, -4.0515,
-7.2072

Harmonies

Analogous

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



66.0250, 42.3857, -14.9309



64.4090, 26.9134, 47.8763



51.6060, 11.5332, 81.0295

Triad

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



64.4090, 26.9134, 47.8763



65.6410, -32.3610, 19.6088



64.3100, 23.0182, -56.3999

Complementary

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



64.4090, 26.9134, 47.8763



80.5910, -26.9134, -47.8763

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.



58.4790, 3.2149, -51.2861



64.4090, 26.9134, 47.8763



59.2300, -29.2004, -14.2337

Square

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



64.4090, 26.9134, 47.8763



63.1920, -31.1537, 52.4516



51.2630, -19.3567, -44.9577



66.7670, 40.0479, -58.5547

Rectangle

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



64.4090, 26.9134, 47.8763



48.6700, -2.3023, 85.3584



51.2630, -19.3567, -44.9577



62.6000, 16.4662, -54.9002

Sweetspot

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



64.4090, 26.9134, 47.8763



134.8680, 10.4181, 18.5328



36.6020, 40.6222, -9.2980



66.0860, 6.3666, 11.3256



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.



64.4090, 26.9134, 47.8763



69.7110, 42.5405, 75.6755



59.0510, 6.3839, 52.5753



55.4780, 1.7363, 3.0888



50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Inverse Universe

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



64.4090, 26.9134, 47.8763



69.7110, 42.5405, 75.6755



85.8350, -6.8207, -52.4753



55.4780, 1.7363, 3.0888



50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Previews

White Background



This preview shows how the YUV color 64.4090, 26.9134, 47.8763 looks on a white background.

Color Contrast Check

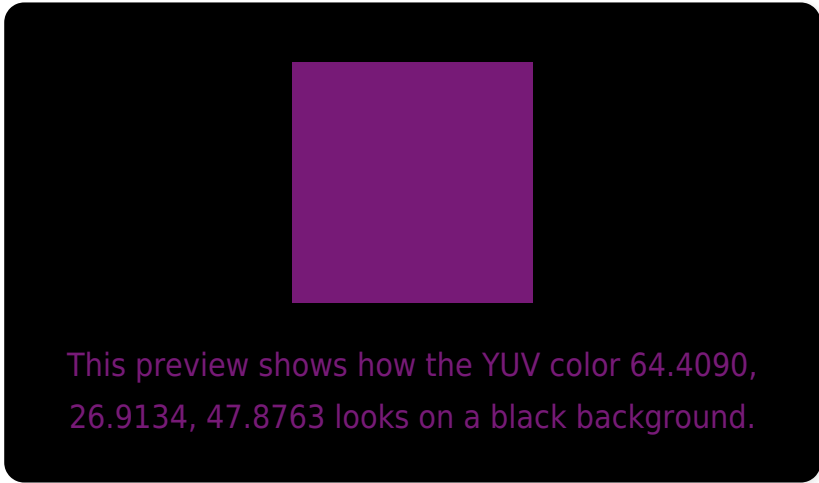
Large Text (above 18pt) WCAG AA ✓ Pass

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

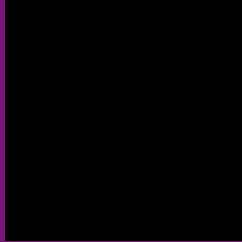
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.4090, 26.9134, 47.8763

Background



This preview shows how black text looks on a background with the YUV color 64.4090, 26.9134, 47.8763.



This preview shows how white text looks on a background with the YUV color 64.4090, 26.9134,

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

64.4090, 26.9134, 47.8763

Protanopia

56.4460, 43.6571, -49.5031

Deuteranopia

68.6120, 21.8833, -18.9537



Tritanopia

69.6950, -7.2446, 37.1015

Trichromacy



Original Color

64.4090, 26.9134, 47.8763



Protanomaly

59.4720, 37.7283, -14.4459



Deuteranomaly

67.2220, 23.5546, 5.0673



Tritanomaly

67.9310, 4.9640, 41.2795

Monochromacy



Original Color

64.4090, 26.9134, 47.8763



Achromatopsia

64.0000, 0.0000, 0.0000



Achromatomaly

64.0420, 9.8393, 17.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.4090, 26.9134, 47.8763 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(119, 26, 119)` looks like.

```
.text, #text, p{  
    color:rgb(119, 26, 119)  
}
```

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(119, 26, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 26, 119) }
```

Border

The CSS property to change the border of an element to YUV 64.4090, 26.9134, 47.8763 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(119, 26, 119) }
```


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

```
.border{ border-color:rgb(119, 26, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 26, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 26, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 26, 119);  
box-shadow:4px 4px 4px 4px rgb(119, 26,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 64.4090, 26.9134, 47.8763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 26, 119) }
```

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

```
.background{ background-color: rgb(119, 26,  
119) }
```

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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