

Converting Colors

YUV(47.9960, 26.6240, 47.3615)

Have a look what the booklet for
YUV(47.9960, 26.6240, 47.3615)
contains.

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Color

**YUV(47.9960, 26.6240,
47.3615)**

Conversions

Conversions Part 1

Format	Color
Hex	660A66
RGB	102, 10, 102
RGB Percent	40%, 4%, 40%
CMY	0.6000, 0.9608, 0.6000
CMYK	0.00, 0.90, 0.00, 0.60
HSL	300°, 82%, 22%
HSV	300°, 90%, 40%
XYZ	7.9863, 4.0012, 12.9218
YIQ	47.9960, 25.3000, 48.1160

Conversions

Conversions Part 2

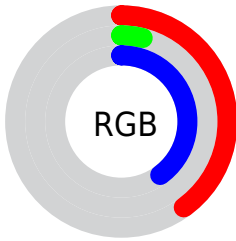
Format	Color
RYB	102, 10, 102
Decimal	6687334
CIELab	23.68, 47.98, -29.88
CIElCh	24, 56.525, 328.090
Yxy	4.0012, 0.3206, 0.1606
Android (android.graphics.Color)	4284877414 (0xFF660A66)
YUV	47.9960, 26.6240, 47.3615
Hunter-Lab	20.0029, 36.2622, -24.2989

Details

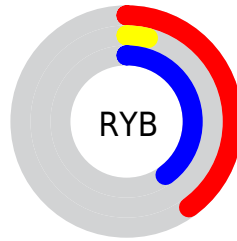
The YUV color **47.9960, 26.6240, 47.3615** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **64.0040, -26.6240, -47.3615**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.7030, 24.3034, 44.9875**, and **21.7040, 15.9219, 26.5696** is the 20% darker color. If you saturate the color by 10%, you get **42.1260, 29.5179, 52.5095**, and if you desaturate by 10%, it is **53.8660, 23.7301, 42.2135**.

Distribution



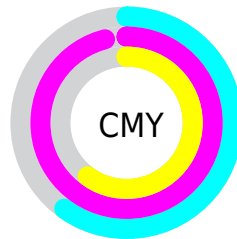
- Red (40%)
- Green (4%)
- Blue (40%)



- Red (40%)
- Yellow (4%)
- Blue (40%)



- Cyan (0%)
- Magenta (90%)
- Yellow (0%)
- Black (60%)



- Cyan (60%)
- Magenta (96%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.9960, 26.6240, 47.3615 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 47.9960, 26.6240, 47.3615 by changing the saturation by 10% instead.

47.9960, 26.6240,
47.3615

47.9960, 26.6240,
47.3615

255.0000, 0.0000,
0.0000

31.6160, 22.8673,
38.9248

104.7030, 24.3034,
44.9875

21.7040, 15.9219,
26.5696

131.4150, 24.4454,
46.1170

11.1230, 10.2924,
12.1701

158.4260, 24.4400,
47.8614

0.4560, 1.7472,
-0.3999

186.2520, 25.0188,
48.8910


0.0000, 0.0000,
0.0000


208.6270, 22.8619,
40.6691


225.0630, 14.7589,


26.2547


 242.0860, 6.3666,
11.3256


 47.9960, 26.6240,
47.3615


 47.9960, 26.6240,
47.3615


 42.1260, 29.5179,
52.5095

 53.8660, 23.7301,
42.2135

 59.7360, 20.8362,
37.0655

 66.1930, 17.6529,
31.4027

 72.0630, 14.7589,
26.2547

 77.9330, 11.8650,
21.1068

■ 83.8030, 8.9711,
15.9588

■ 89.6730, 6.0772,
10.8108

■ 96.1300, 2.8939,
5.1480

■ 102.0000, 0.0000,
0.0000

Harmonies

Analogous

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



52.6290, 39.6229, -15.4606



47.9960, 26.6240, 47.3615



44.3290, 8.2188, 70.7485

Triad

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



47.9960, 26.6240, 47.3615



53.5250, -26.3878, 17.0796



53.7950, 20.8071, -47.1782

Complementary

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



47.9960, 26.6240, 47.3615



64.0040, -26.6240, -47.3615

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.



48.1920, 1.8773, -42.2644



47.9960, 26.6240, 47.3615



47.1250, -23.2326, -15.0186

Square

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



47.9960, 26.6240, 47.3615



50.4670, -24.8802, 46.9484



41.3180, -19.3838, -36.2359



56.3830, 35.8002, -49.4479

Rectangle

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



47.9960, 26.6240, 47.3615



41.4360, -4.1589, 74.1626



41.3180, -19.3838, -36.2359



52.1990, 14.6919, -45.7785

Sweetspot

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



47.9960, 26.6240, 47.3615



111.8680, 10.4181, 18.5328



20.4880, 40.1854, -9.1980



53.6730, 6.0772, 10.8108



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



47.9960, 26.6240, 47.3615



54.9290, 38.4890, 68.4683



42.7520, 6.5313, 51.9605



48.0650, 1.4470, 2.5740



47.4950, 33.2800, 59.2019



99.9460, 70.0326, 124.5814

Inverse Universe

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



47.9960, 26.6240, 47.3615



54.9290, 38.4890, 68.4683



69.2480, -6.5313, -51.9605



48.0650, 1.4470, 2.5740



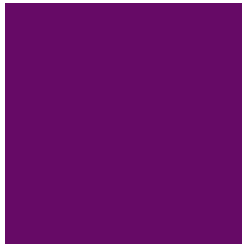
47.4950, 33.2800, 59.2019



99.9460, 70.0326, 124.5814

Previews

White Background



This preview shows how the YUV color 47.9960, 26.6240, 47.3615 looks on a white background.

Color Contrast Check

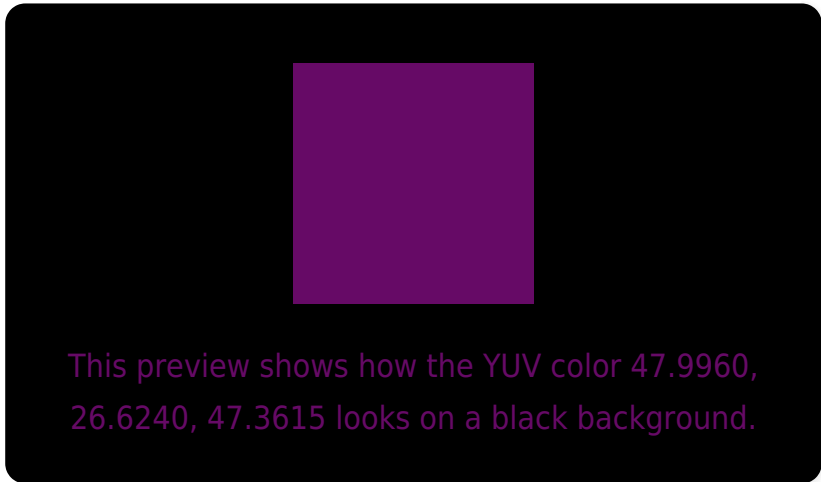
Large Text (above 18pt) WCAG AA ✓ Pass

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

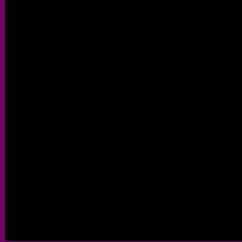
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.9960, 26.6240, 47.3615

Background



This preview shows how black text looks on a background with the YUV color 47.9960, 26.6240, 47.3615.



This preview shows how white text looks on a background with the YUV color 47.9960, 26.6240,

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

47.9960, 26.6240, 47.3615

Protanopia

47.1390, 35.9205, -41.3409

Deuteranopia

56.3410, 19.5519, -17.8391



Tritanopia

57.6730, -7.2338, 33.6128

Trichromacy



Original Color

47.9960, 26.6240, 47.3615

Protanomaly

47.4250, 32.3285, -9.1427

Deuteranomaly

53.1790, 22.0968, 5.9820

Tritanomaly

54.2080, 4.8275, 38.4056

Monochromacy



Original Color

47.9960, 26.6240, 47.3615

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.0420, 9.8393, 17.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.9960, 26.6240, 47.3615 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(102, 10, 102)` looks like.

```
.text, #text, p{  
    color:rgb(102, 10, 102)  
}
```

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(102, 10, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 10, 102) }
```

Border

The CSS property to change the border of an element to YUV 47.9960, 26.6240, 47.3615 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(102, 10, 102) }
```


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

```
.border{ border-color:rgb(102, 10, 102) }
```

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

Here you see how a box with a 4 pixel rgb(102, 10, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 10, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 10, 102);  
box-shadow:4px 4px 4px 4px rgb(102, 10,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 47.9960, 26.6240, 47.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 10, 102) }
```

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

```
.background{ background-color: rgb(102, 10,  
102) }
```

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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