

Converting Colors

YUV(57.4770, 17.0198, 47.8167)

Have a look what the booklet for
YUV(57.4770, 17.0198, 47.8167)
contains.

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Color

**YUV(57.4770, 17.0198,
47.8167)**

Conversions

Conversions Part 1

Format	Color
Hex	70175C
RGB	112, 23, 92
RGB Percent	44%, 9%, 36%
CMY	0.5608, 0.9098, 0.6392
CMYK	0.00, 0.79, 0.18, 0.56
HSL	313°, 66%, 26%
HSV	313°, 79%, 44%
XYZ	8.9203, 4.8302, 10.5874
YIQ	57.4770, 30.8950, 40.3270

Conversions

Conversions Part 2

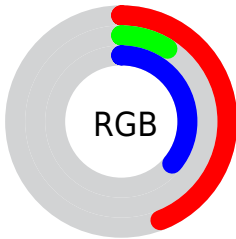
Format	Color
R _Y B	112, 23, 92
Decimal	7346012
CIE Lab	26.25, 45.13, -19.13
CIE LCh	26, 49.016, 337.026
Yxy	4.8302, 0.3665, 0.1985
Android (android.graphics.Color)	4285536092 (0xFF70175C)
YUV	57.4770, 17.0198, 47.8167
Hunter-Lab	21.9778, 33.9876, -13.1774

Details

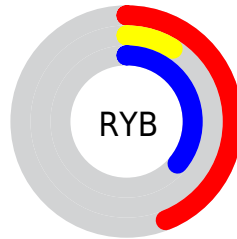
The YUV color **57.4770, 17.0198, 47.8167** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **77.5230, -17.0198, -47.8167**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.3200, 15.1252, 48.8314**, and **23.1840, 11.2483, 32.2876** is the 20% darker color. If you saturate the color by 10%, you get **50.6780, 18.8927, 53.7794**, and if you desaturate by 10%, it is **64.2760, 15.1469, 41.8539**.

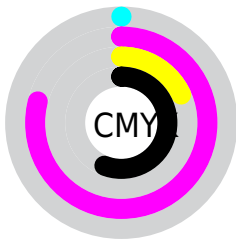
Distribution



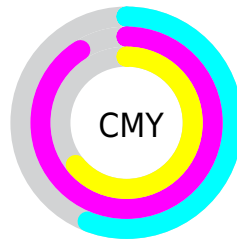
- Red (44%)
- Green (9%)
- Blue (36%)



- Red (44%)
- Yellow (9%)
- Blue (36%)



- Cyan (0%)
- Magenta (79%)
- Yellow (18%)
- Black (56%)



- Cyan (56%)
- Magenta (91%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.4770, 17.0198, 47.8167 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 57.4770, 17.0198, 47.8167 by changing the saturation by 10% instead.

■ 57.4770, 17.0198,
47.8167

■ 57.4770, 17.0198,
47.8167

255.0000, 0.0000,
0.0000

■ 33.4660, 17.0253,
46.0723

■ 111.3200, 15.1252,
48.8314

■ 23.1840, 11.2483,
32.2876

■ 138.0320, 15.2672,
49.9609

■ 13.9130, 5.4659,
20.2473

■ 165.6300, 14.9724,
51.1905

■ 0.0000, 0.0000,
0.0000

■ 193.3420, 15.1144,
52.3201

■ 213.0950, 19.6732,
36.7507

■ 230.3460, 12.1544,

21.6216

247.3690, 3.7621,
6.6924

57.4770, 17.0198,
47.8167

57.4770, 17.0198,
47.8167

50.6780, 18.8927,
53.7794

64.2760, 15.1469,
41.8539

43.9930, 21.2025,
59.6421

70.9610, 12.8372,
35.9912

43.4060, 21.4918,
60.1569

78.3470, 10.6749,
29.5137

85.0320, 8.3652,
23.6509

91.8310, 6.4923,
17.6882

■ 98.5160, 4.1826,
11.8255

■ 105.3150, 2.3097,
5.8627

■ 112.5870, -0.2894,
-0.5148

■ 119.3860, -2.1623,
-6.4775

Harmonies

Analogous

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



63.0250, 29.0747, 7.8711



57.4770, 17.0198, 47.8167



47.4660, 3.7143, 68.8743

Triad

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



57.4770, 17.0198, 47.8167



57.6120, -28.4027, 9.9873



57.3970, 24.4543, -50.3372

Complementary

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



57.4770, 17.0198, 47.8167



77.5230, -17.0198, -47.8167

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.



53.7660, 8.0034, -47.1528



57.4770, 17.0198, 47.8167



50.3370, -24.8161, -20.4665

Square

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



57.4770, 17.0198, 47.8167



58.6630, -28.9209, 36.2525



48.1460, -8.4530, -42.2240



58.3720, 35.8056, -51.1922

Rectangle

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



57.4770, 17.0198, 47.8167



51.7630, -10.2362, 63.3518



48.1460, -8.4530, -42.2240



56.6160, 18.9233, -49.6522

Sweetspot

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



57.4770, 17.0198, 47.8167



123.6570, 7.0711, 18.7178



38.8270, 36.0743, 2.7827



61.1030, 3.8932, 11.3107



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



57.4770, 17.0198, 47.8167



60.4600, 26.3952, 74.1416



52.4610, -2.1993, 52.2157



52.3640, 1.2995, 3.1888



46.4820, 22.9334, 64.4753



95.7410, 47.4557, 132.6541

Inverse Universe

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



57.4770, 17.0198, 47.8167



60.4600, 26.3952, 74.1416



82.5390, 2.1993, -52.2157



52.3640, 1.2995, 3.1888



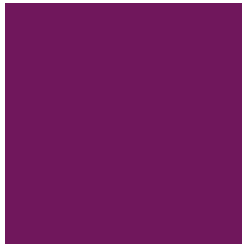
46.4820, 22.9334, 64.4753



95.7410, 47.4557, 132.6541

Previews

White Background



This preview shows how the YUV color 57.4770, 17.0198, 47.8167 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

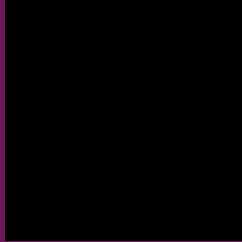
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.4770, 17.0198, 47.8167

Background



This preview shows how black text looks on a background with the YUV color 57.4770, 17.0198, 47.8167.



This preview shows how white text looks on a background with the YUV color 57.4770, 17.0198,

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

57.4770, 17.0198, 47.8167

Protanopia

58.9020, 32.0933, -27.1011

Deuteranopia

63.9420, 11.3676, -6.0881



Tritanopia

61.2610, -9.0027, 40.9901

Trichromacy



Original Color

57.4770, 17.0198, 47.8167

Protanomaly

58.5850, 26.3336, 0.3640

Deuteranomaly

61.3450, 13.6339, 13.7294

Tritanomaly

59.5030, 0.7380, 43.4089

Monochromacy



Original Color

57.4770, 17.0198, 47.8167

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.4180, 6.2029, 17.1734

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.4770, 17.0198, 47.8167 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(112, 23, 92)` looks like.

```
.text, #text, p{  
    color:rgb(112, 23, 92)  
}
```

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(112, 23, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 23, 92) }
```

Border

The CSS property to change the border of an element to YUV 57.4770, 17.0198, 47.8167 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(112, 23, 92) }
```


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

```
.border{ border-color:rgb(112, 23, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 23, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 23, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 23, 92);  
box-shadow:4px 4px 4px 4px rgb(112, 23,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 57.4770, 17.0198, 47.8167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 23, 92) }
```

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

```
.background{ background-color: rgb(112, 23,  
92) }
```

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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