

Converting Colors

YUV(47.8140, 19.3187, 57.1681)

Have a look what the booklet for
YUV(47.8140, 19.3187, 57.1681)
contains.

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Color

**YUV(47.8140, 19.3187,
57.1681)**

Conversions

Conversions Part 1

Format	Color
Hex	710757
RGB	113, 7, 87
RGB Percent	44%, 3%, 34%
CMY	0.5569, 0.9725, 0.6588
CMYK	0.00, 0.94, 0.23, 0.56
HSL	315°, 88%, 24%
HSV	315°, 94%, 44%
XYZ	8.6063, 4.3508, 9.4030
YIQ	47.8140, 37.4960, 47.3520

Conversions

Conversions Part 2

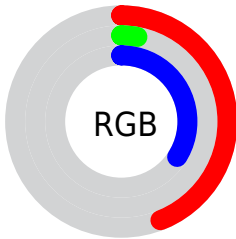
Format	Color
RYB	113, 7, 87
Decimal	7407447
CIELab	24.80, 48.67, -18.06
CIElCh	25, 51.910, 339.641
Yxy	4.3508, 0.3849, 0.1946
Android (android.graphics.Color)	4285597527 (0xFF710757)
YUV	47.8140, 19.3187, 57.1681
Hunter-Lab	20.8585, 37.1475, -12.1269

Details

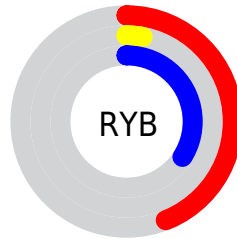
The YUV color **47.8140, 19.3187, 57.1681** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **72.1860, -19.3187, -57.1681**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.3530, 15.1090, 54.0644**, and **22.9130, 8.9169, 33.4023** is the 20% darker color. If you saturate the color by 10%, you get **43.4770, 20.4708, 60.9717**, and if you desaturate by 10%, it is **54.6130, 17.4458, 51.2054**.

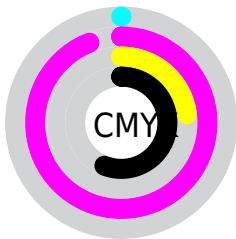
Distribution



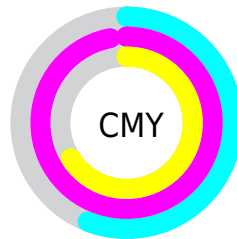
- Red (44%)
- Green (3%)
- Blue (34%)



- Red (44%)
- Yellow (3%)
- Blue (34%)



- Cyan (0%)
- Magenta (94%)
- Yellow (23%)
- Black (56%)



- Cyan (56%)
- Magenta (97%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.8140, 19.3187, 57.1681 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 47.8140, 19.3187, 57.1681 by changing the saturation by 10% instead.

■ 47.8140, 19.3187,
57.1681

■ 47.8140, 19.3187,
57.1681

■ 255.0000, 0.0000,
0.0000

■ 33.0100, 15.2781,
46.4722

■ 106.3530, 15.1090,
54.0644

■ 22.9130, 8.9169,
33.4023

■ 133.2500, 14.6668,
55.9087

■ 13.0440, 3.4293,
20.1324

■ 160.9620, 14.8087,
57.0383

■ 0.0000, 0.0000,
0.0000


■ 188.5600, 14.5139,
58.2679


■ 208.3020, 19.0781,
40.9541


■ 225.6500, 14.4696,


25.7400


 242.6730, 6.0772,
10.8108


 47.8140, 19.3187,
57.1681


 47.8140, 19.3187,
57.1681


 43.4770, 20.4708,
60.9717

 54.6130, 17.4458,
51.2054

 61.9990, 15.2835,
44.7279

 68.6840, 12.9738,
38.8651

 75.4830, 11.1009,
32.9024

 82.8690, 8.9386,
26.4249

■ 89.6680, 7.0657,
20.4622

■ 96.3530, 4.7560,
14.5994

■ 103.1520, 2.8831,
8.6367

■ 110.5380, 0.7208,
2.1592

Harmonies

Analogous

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



59.5740, 29.7900, 11.7746



47.8140, 19.3187, 57.1681



42.8470, 2.5404, 72.0482

Triad

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



47.8140, 19.3187, 57.1681



54.3450, -26.7921, 6.7134



55.8640, 26.1960, -48.9927

Complementary

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



47.8140, 19.3187, 57.1681



72.1860, -19.3187, -57.1681

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.



52.1190, 9.3083, -45.7084



47.8140, 19.3187, 57.1681



44.0910, -21.7369, -28.1438

Square

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



47.8140, 19.3187, 57.1681



55.6950, -27.4576, 33.5935



46.1570, -8.4584, -40.4797



56.8390, 37.5474, -49.8478

Rectangle

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



47.8140, 19.3187, 57.1681



44.3830, -10.5418, 68.0701



46.1570, -8.4584, -40.4797



55.0830, 20.6651, -48.3078

Sweetspot

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



47.8140, 19.3187, 57.1681



122.2060, 7.7864, 22.6213



26.5590, 42.6154, 4.7718



58.6410, 4.6140, 13.4698



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.



47.8140, 19.3187, 57.1681



57.0200, 27.1051, 79.7895



41.8860, -3.3948, 62.3670



52.3640, 1.2995, 3.1888



46.1400, 21.6230, 64.7752



95.1710, 45.2717, 133.1540

Inverse Universe

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



47.8140, 19.3187, 57.1681



57.0200, 27.1051, 79.7895



78.1140, 3.3948, -62.3670



52.3640, 1.2995, 3.1888



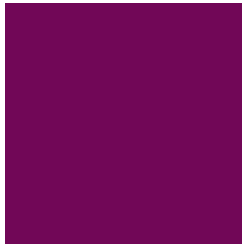
46.1400, 21.6230, 64.7752



95.1710, 45.2717, 133.1540

Previews

White Background



This preview shows how the YUV color 47.8140, 19.3187, 57.1681 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

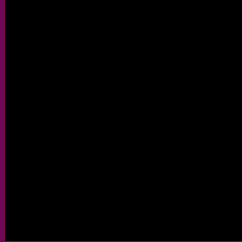
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.8140, 19.3187, 57.1681

Background



This preview shows how black text looks on a background with the YUV color 47.8140, 19.3187, 57.1681.



This preview shows how white text looks on a background with the YUV color 47.8140, 19.3187,

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

47.8140, 19.3187, 57.1681

Protanopia

55.2220, 33.4146, -30.8897

Deuteranopia

62.0840, 9.3256, -4.4587



Tritanopia

57.2400, -10.4713, 45.3935

Trichromacy



Original Color

47.8140, 19.3187, 57.1681

Protanomaly

52.7530, 28.2228, 1.0936

Deuteranomaly

56.5520, 13.0389, 17.9329

Tritanomaly

53.8350, 0.5743, 49.2567

Monochromacy



Original Color

47.8140, 19.3187, 57.1681

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.9670, 6.9183, 21.0769

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.8140, 19.3187, 57.1681 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(113, 7, 87)` looks like.

```
.text, #text, p{  
    color:rgb(113, 7, 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(113, 7, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 7, 87) }
```

Border

The CSS property to change the border of an element to YUV 47.8140, 19.3187, 57.1681 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(113, 7, 87) }
```


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

```
.border{ border-color:rgb(113, 7, 87) }
```

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

Here you see how a box with a 4 pixel rgb(113, 7, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 7, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 7, 87);  
box-shadow:4px 4px 4px 4px rgb(113, 7, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.8140, 19.3187, 57.1681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 7, 87) }
```

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

```
.background{ background-color: rgb(113, 7,  
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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