

Converting Colors

YUV(113.4770, 17.0198,
47.8167)

Have a look what the booklet for
YUV(113.4770, 17.0198, 47.8167)
contains.

YUV(113.4770, 17.0198, 47.8167)	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(113.4770, 17.0198,
47.8167)**

Conversions

Conversions Part 1

Format	Color
Hex	A84F94
RGB	168, 79, 148
RGB Percent	66%, 31%, 58%
CMY	0.3412, 0.6902, 0.4196
CMYK	0.00, 0.53, 0.12, 0.34
HSL	313°, 36%, 48%
HSV	313°, 53%, 66%
XYZ	24.2897, 16.0549, 29.8357
YIQ	113.4770, 30.8950, 40.3270

Conversions

Conversions Part 2

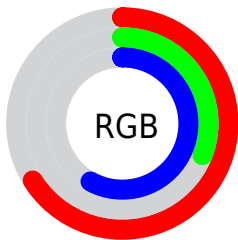
Format	Color
R_{YB}	168, 79, 148
Decimal	11030420
CIE _{Lab}	47.05, 45.54, -21.20
CIE _{LCh}	47, 50.238, 335.036
Yxy	16.0549, 0.3461, 0.2288
Android (android.graphics.Color)	4289220500 (0xFFA84F94)
YUV	113.4770, 17.0198, 47.8167
Hunter-Lab	40.0686, 38.0874, -16.1002

Details

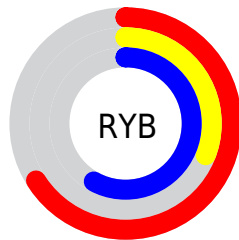
The YUV color **113.4770, 17.0198, 47.8167** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **133.5230, -17.0198, -47.8167**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7870, 16.8670, 50.1758**, and **59.5200, 18.4776, 46.9020** is the 20% darker color. If you saturate the color by 10%, you get **103.0420, 20.1923, 56.9682**, and if you desaturate by 10%, it is **123.9120, 13.8474, 38.6652**.

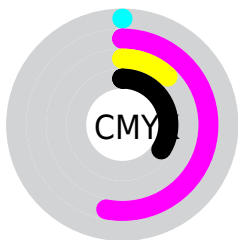
Distribution



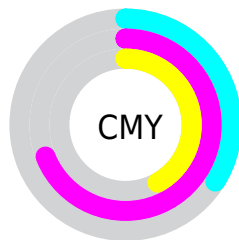
- Red (66%)
- Green (31%)
- Blue (58%)



- Red (66%)
- Yellow (31%)
- Blue (58%)



- Cyan (0%)
- Magenta (53%)
- Yellow (12%)
- Black (34%)





- Cyan (34%)
- Magenta (69%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.4770, 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 113.4770, 17.0198, 47.8167 by changing the saturation by 10% instead.


 113.4770, 17.0198,
47.8167


 113.4770, 17.0198,
47.8167


255.0000, 0.0000,
0.0000


 86.8790, 17.3147,
46.5871


 167.7870, 16.8670,
50.1758


 59.5200, 18.4776,
46.9020


 195.4990, 17.0090,
51.3054

 34.3350, 19.0618,
46.1872

 215.0840, 19.6786,
35.0063

 24.2380, 12.7007,
33.1173

 231.5200, 11.5756,
20.5920

 14.9670, 6.9183,
21.0769

 248.5430, 3.1833,
5.6628

 0.0000, 0.0000,
0.0000

■ 113.4770, 17.0198,
47.8167

■ 113.4770, 17.0198,
47.8167

■ 103.0420, 20.1923,
56.9682

■ 123.9120, 13.8474,
38.6652

■ 92.6070, 23.3647,
66.1197

■ 134.3470, 10.6749,
29.5137

■ 82.8730, 26.6846,
74.6564

■ 144.0810, 7.3551,
20.9770

■ 72.4380, 29.8571,
83.8079

■ 154.5160, 4.1826,
11.8255

■ 65.0520, 32.0194,
90.2854


■ 164.9510, 1.0102,
2.6740

■ 175.3860, -2.1623,
-6.4775

■ 185.7070, -5.7716,
-15.5290

■ 195.5550, -8.6546,

-24.1657

 205.9900,
-11.8271, -33.3172

Harmonies

Analogous

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



114.0510, 33.0059, 6.9713



113.4770, 17.0198, 47.8167



109.0870, -1.5219, 68.3297

Triad

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



113.4770, 17.0198, 47.8167



105.0140, -44.8699, 18.4047



95.0230, 31.5407, -83.3352

Complementary

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



113.4770, 17.0198, 47.8167



133.5230, -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.



90.9360, 13.3426, -79.7509



113.4770, 17.0198, 47.8167



101.1220, -32.1051, -15.8930

Square

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



113.4770, 17.0198, 47.8167



108.1390, -37.5365, 46.3591



84.1590, -5.0084, -73.8074



94.8070, 45.9441, -83.1457

Rectangle

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



113.4770, 17.0198, 47.8167



108.8300, -15.1992, 68.5551



84.1590, -5.0084, -73.8074



93.5410, 25.8623, -82.0355

Sweetspot

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



113.4770, 17.0198, 47.8167



197.5430, 6.6343, 18.8178



94.8270, 36.0743, 2.7827



97.1030, 3.8932, 11.3107



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



113.4770, 17.0198, 47.8167



133.2860, 26.9740, 75.1712



108.4610, -2.1993, 52.2157



79.0760, 1.4415, 4.3183



57.3620, 28.4155, 79.4895



7.8040, 4.0406, 10.6959

Inverse Universe

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



113.4770, 17.0198, 47.8167



133.2860, 26.9740, 75.1712



138.5390, 2.1993, -52.2157



79.0760, 1.4415, 4.3183



57.3620, 28.4155, 79.4895



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 113.4770, 17.0198, 47.8167 looks on a white background.

Color Contrast Check

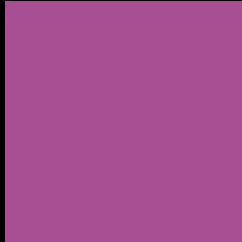
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 113.4770, 17.0198, 47.8167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

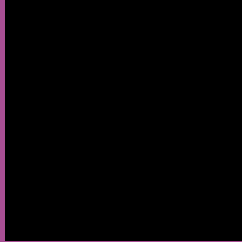
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.4770, 17.0198, 47.8167

Background



This preview shows how black text looks on a background with the YUV color 113.4770, 17.0198, 47.8167.



This preview shows how white text looks on a background with the YUV color 113.4770, 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

113.4770, 17.0198, 47.8167

Protanopia

111.0880, 30.0296, -18.4942

Deuteranopia

112.8650, 14.8566, -5.1436



Tritanopia

113.2120, -7.9925, 43.6641

Trichromacy



Original Color

113.4770, 17.0198, 47.8167

Protanomaly

111.9770, 25.1543, 5.2822

Deuteranomaly

113.2140, 15.6705, 13.8443

Tritanomaly

113.6280, 1.1694, 45.0532

Monochromacy



Original Color

113.4770, 17.0198, 47.8167

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.4180, 6.2029, 17.1734

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.4770, 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(168, 79, 148)` looks like.

```
.text, #text, p{  
    color:rgb(168, 79, 148)  
}
```

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(168, 79, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 79, 148) }
```

Border

The CSS property to change the border of an element to YUV 113.4770, 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(168, 79, 148) }
```


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

```
.border{ border-color:rgb(168, 79, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 79, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 79, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 79, 148);  
box-shadow:4px 4px 4px 4px rgb(168, 79,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 113.4770, 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(168, 79, 148) }
```

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

```
.background{ background-color: rgb(168, 79,  
148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor