

Converting Colors

YUV(117.2670, 1.8404, 16.4288)

Have a look what the booklet for
YUV(117.2670, 1.8404, 16.4288)
contains.

YUV(117.2670, 1.8404, 16.4288)	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(117.2670, 1.8404,
16.4288)**

Conversions

Conversions Part 1

Format	Color
Hex	886B79
RGB	136, 107, 121
RGB Percent	53%, 42%, 47%
CMY	0.4667, 0.5804, 0.5255
CMYK	0.00, 0.21, 0.11, 0.47
HSL	331°, 12%, 48%
HSV	331°, 21%, 53%
XYZ	18.8622, 17.1301, 20.4015
YIQ	117.2670, 12.7900, 10.5020

Conversions

Conversions Part 2

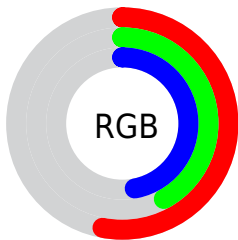
Format	Color
R_{YB}	136, 107, 121
Decimal	8940409
CIE Lab	48.42, 13.96, -3.37
CIE LCh	48, 14.359, 346.426
Yxy	17.1301, 0.3345, 0.3038
Android (android.graphics.Color)	4287130489 (0xFF886B79)
YUV	117.2670, 1.8404, 16.4288
Hunter-Lab	41.3885, 8.9189, -0.2536

Details

The YUV color $[117.2670, 1.8404, 16.4288]$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $[125.7330, -1.8404, -16.4288]$, and the grayscale version is $[117.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[169.8650, 1.5456, 17.6584]$, and $[68.6690, 2.1352, 15.1993]$ is the 20% darker color. If you saturate the color by 10%, you get $[108.2510, 2.8343, 24.3359]$, and if you desaturate by 10%, it is $[126.2830, 0.8465, 8.5218]$.

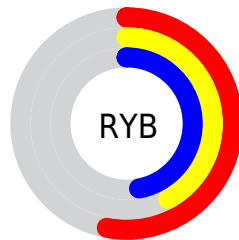
Distribution



Red (53%)

Green (42%)

Blue (47%)



Red (53%)

Yellow (42%)

Blue (47%)

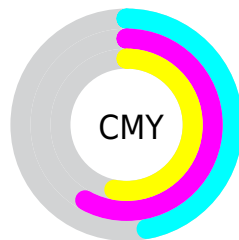


Cyan (0%)

Magenta (21%)

Yellow (11%)

Black (47%)



Cyan (47%)

Magenta (58%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.2670, 1.8404, 16.4288 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 117.2670, 1.8404, 16.4288 by changing the saturation by 10% instead.

 117.2670, 1.8404,
16.4288


 117.2670, 1.8404,
16.4288

255.0000, 0.0000,
0.0000


 92.5550, 1.6984,
15.2993


 169.8650, 1.5456,
17.6584

 68.6690, 2.1352,
15.1993


 196.6910, 2.1243,
18.6880


 45.9570, 1.9932,
14.0697

 224.6910, 2.1243,
18.6880

 25.2450, 1.8512,
12.9401

 247.3690, 3.7621,
6.6924

 5.3110, -1.6323,
10.2513

 0.0000, 0.0000,
0.0000

■ 117.2670, 1.8404,
16.4288

■ 117.2670, 1.8404,
16.4288

■ 108.2510, 2.8343,
24.3359

■ 126.2830, 0.8465,
8.5218

■ 99.8220, 3.5388,
31.7281

■ 134.7120, 0.1420,
1.1296

■ 90.8060, 4.5326,
39.6351

■ 143.7280, -0.8519,
-6.7775

■ 82.3770, 5.2371,
47.0274

■ 152.1570, -1.5564,
-14.1697

■ 73.3610, 6.2310,
54.9344

■ 161.1730, -2.5503,
-22.0767

■ 64.3450, 7.2249,
62.8414

■ 170.1890, -3.5442,
-29.9838

■ 55.9160, 7.9294,
70.2337


■ 178.6180, -4.2487,
-37.3760

■ 48.1880, 8.7813,

■ 187.6340, -5.2426,

77.0111

-45.2830

 196.0630, -5.9471,
-52.6753

Harmonies

Analogous

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



116.9930, 7.3985, 7.0221



117.2670, 1.8404, 16.4288



117.0950, -3.9908, 20.0877

Triad

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



117.2670, 1.8404, 16.4288



113.5630, -10.6306, 3.0142



111.1910, 10.2588, -23.8465

Complementary

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



117.2670, 1.8404, 16.4288



125.7330, -1.8404, -16.4288

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.



110.2250, 5.3121, -23.8763



117.2670, 1.8404, 16.4288



112.4090, -7.1036, -8.2517

Square

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



117.2670, 1.8404, 16.4288



115.1020, -11.3893, 13.0655



111.2490, -1.1088, -17.7584



113.1040, 12.2737, -16.7542

Rectangle

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



117.2670, 1.8404, 16.4288



116.4710, -7.6272, 19.7579



111.2490, -1.1088, -17.7584



110.2510, 9.2433, -24.7761

Sweetspot

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



117.2670, 1.8404, 16.4288



168.8590, 0.5625, 6.2627



114.7910, 10.4560, 6.3223



85.1360, 0.4260, 3.3887



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



117.2670, 1.8404, 16.4288



146.2620, 2.8288, 26.0802



115.6710, -4.2748, 17.8285



64.4350, 0.2785, 4.0035



47.0630, 8.3499, 75.3667



1.7230, 0.1366, 2.8739

Inverse Universe

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



117.2670, 1.8404, 16.4288



146.2620, 2.8288, 26.0802



127.3290, 4.2748, -17.8285



64.4350, 0.2785, 4.0035



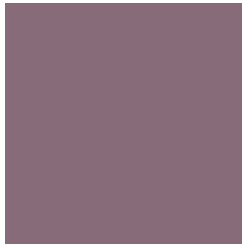
47.0630, 8.3499, 75.3667



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 117.2670, 1.8404, 16.4288 looks on a white background.

Color Contrast Check

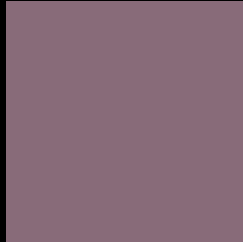
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.2670, 1.8404, 16.4288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

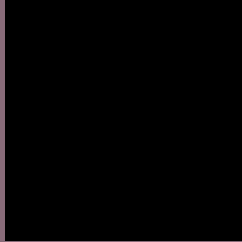
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.2670, 1.8404, 16.4288

Background



This preview shows how black text looks on a background with the YUV color 117.2670, 1.8404, 16.4288.

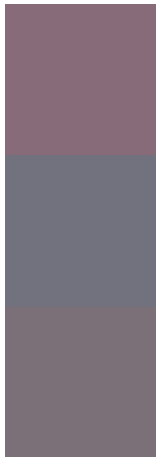


This preview shows how white text looks on a background with the YUV color 117.2670, 1.8404,

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

117.2670, 1.8404, 16.4288

Protanopia

115.3680, 5.2416, -1.1997

Deuteranopia

116.5000, 1.7255, 6.5775



Tritanopia

116.9850, -0.4856, 15.7992

Trichromacy



Original Color

117.2670, 1.8404, 16.4288

Protanomaly

115.7710, 4.0569, 5.4628

Deuteranomaly

116.5220, 1.7147, 10.0662

Tritanomaly

117.2130, 0.3880, 15.5992

Monochromacy



Original Color

117.2670, 1.8404, 16.4288

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8590, 0.5625, 6.2627

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.2670, 1.8404, 16.4288 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(136, 107, 121)` looks like.

```
.text, #text, p{  
    color:rgb(136, 107, 121)  
}
```

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(136, 107, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 107, 121) }
```

Border

The CSS property to change the border of an element to YUV 117.2670, 1.8404, 16.4288 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(136, 107, 121) }
```


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

```
.border{ border-color:rgb(136, 107, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 107, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 107, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 107, 121);  
box-shadow:4px 4px 4px 4px rgb(136, 107,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 117.2670, 1.8404, 16.4288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 107, 121) }
```

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

```
.background{ background-color: rgb(136,  
107, 121) }
```

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