

Converting Colors

YUV(117.9840, 4.4449, 21.0620)

Have a look what the booklet for
YUV(117.9840, 4.4449, 21.0620)
contains.

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Color

**YUV(117.9840, 4.4449,
21.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	8E687F
RGB	142, 104, 127
RGB Percent	56%, 41%, 50%
CMY	0.4431, 0.5922, 0.5020
CMYK	0.00, 0.27, 0.11, 0.44
HSL	324°, 15%, 48%
HSV	324°, 27%, 56%
XYZ	19.9364, 17.1837, 22.3447
YIQ	117.9840, 15.2650, 15.2090

Conversions

Conversions Part 2

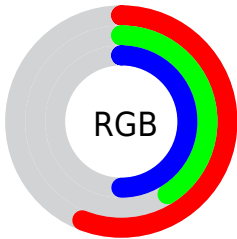
Format	Color
R_{YB}	142, 104, 127
Decimal	9332863
CIE _{Lab}	48.49, 19.10, -6.78
CIE _{LCh}	48, 20.269, 340.464
Yxy	17.1837, 0.3353, 0.2890
Android (android.graphics.Color)	4287522943 (0xFF8E687F)
YUV	117.9840, 4.4449, 21.0620
Hunter-Lab	41.4532, 13.3041, -2.9420

Details

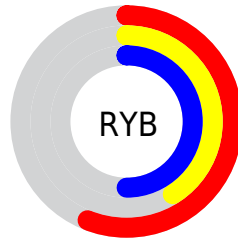
The YUV color **117.9840, 4.4449, 21.0620** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **128.0160, -4.4449, -21.0620**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1090, 4.8763, 22.7064**, and **68.9730, 4.4503, 19.3177** is the 20% darker color. If you saturate the color by 10%, you get **109.0820, 5.8756, 28.8691**, and if you desaturate by 10%, it is **126.8860, 3.0142, 13.2550**.

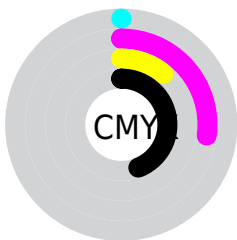
Distribution



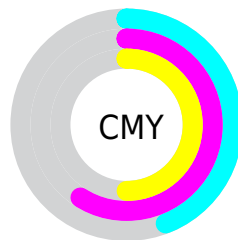
- Red (56%)
- Green (41%)
- Blue (50%)



- Red (56%)
- Yellow (41%)
- Blue (50%)



- Cyan (0%)
- Magenta (27%)
- Yellow (11%)
- Black (44%)



- Cyan (44%)
- Magenta (59%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.9840, 4.4449, 21.0620 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 117.9840, 4.4449, 21.0620 by changing the saturation by 10% instead.


 117.9840, 4.4449,
21.0620

 117.9840, 4.4449,
21.0620


255.0000, 0.0000,
0.0000

 93.2720, 4.3029,
19.9325


 170.1090, 4.8763,
22.7064


 68.9730, 4.4503,
19.3177


 197.4080, 4.7289,
23.3212

 46.2610, 4.3083,
18.1881

 225.7070, 4.5814,
23.9360

 24.6630, 4.6031,
16.9585

 245.6080, 4.6303,
8.2368

 8.1310, 1.4144,
13.0401

 0.0000, 0.0000,
0.0000

■ 117.9840, 4.4449,
21.0620

■ 117.9840, 4.4449,
21.0620

■ 109.0820, 5.8756,
28.8691

■ 126.8860, 3.0142,
13.2550

■ 100.2940, 7.7431,
36.5762

■ 135.6740, 1.1467,
5.5479

■ 90.8050, 9.4631,
44.8980

■ 145.1630, -0.5734,
-2.7740

■ 82.0170, 11.3306,
52.6051

■ 153.9510, -2.4408,
-10.4810

■ 73.1150, 12.7613,
60.4121

■ 162.8530, -3.8715,
-18.2881

■ 64.2130, 14.1920,
68.2192

■ 171.7550, -5.3022,
-26.0951

■ 55.4250, 16.0595,
75.9263


■ 180.5430, -7.1697,
-33.8022

■ 52.2620, 16.6328,

■ 190.0320, -8.8898,

78.7002

-42.1241

 198.8200,
-10.7573, -49.8311

Harmonies

Analogous

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



117.4320, 11.6190, 6.6371



117.9840, 4.4449, 21.0620



117.8510, -3.8705, 28.1947

Triad

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



117.9840, 4.4449, 21.0620



113.5050, -16.0250, 6.5731



107.5420, 14.5228, -38.1863

Complementary

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



117.9840, 4.4449, 21.0620



128.0160, -4.4449, -21.0620

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.



107.2020, 6.8024, -35.2572



117.9840, 4.4449, 21.0620



111.6710, -11.1768, -8.4815

Square

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



117.9840, 4.4449, 21.0620



114.9950, -15.7735, 19.2984



109.3470, -3.1291, -23.1063



110.8190, 17.8372, -27.9053

Rectangle

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



117.9840, 4.4449, 21.0620



116.8850, -8.8173, 28.1649



109.3470, -3.1291, -23.1063



106.6730, 12.4862, -38.3012

Sweetspot

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



117.9840, 4.4449, 21.0620



174.5110, 1.7201, 8.3219



112.8170, 14.3872, 5.4225



86.2610, 0.8573, 5.0331



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



117.9840, 4.4449, 21.0620



146.6310, 6.5909, 32.7726



115.8180, -3.8543, 22.9616



66.6630, 1.1521, 3.8035



49.7130, 15.9175, 74.7967



2.9620, 1.0047, 4.4183

Inverse Universe

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



117.9840, 4.4449, 21.0620



146.6310, 6.5909, 32.7726



130.1820, 3.8543, -22.9616



66.6630, 1.1521, 3.8035



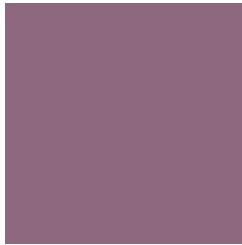
49.7130, 15.9175, 74.7967



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 117.9840, 4.4449, 21.0620 looks on a white background.

Color Contrast Check

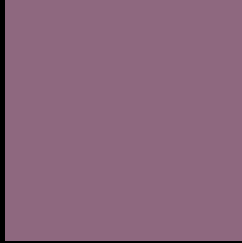
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.9840, 4.4449, 21.0620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

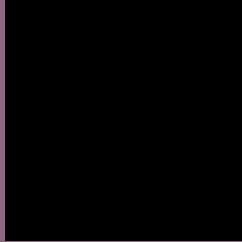
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.9840, 4.4449, 21.0620

Background



This preview shows how black text looks on a background with the YUV color 117.9840, 4.4449, 21.0620.



This preview shows how white text looks on a background with the YUV color 117.9840, 4.4449,

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

117.9840, 4.4449, 21.0620

Protanopia

115.6820, 9.0308, -3.2291

Deuteranopia

116.4720, 4.2043, 4.8481



Tritanopia

117.0780, -1.5175, 20.1026

Trichromacy



Original Color

117.9840, 4.4449, 21.0620

Protanomaly

116.2810, 7.2565, 5.8926

Deuteranomaly

116.9180, 4.4774, 10.5959

Tritanomaly

117.3600, 0.8085, 20.7323

Monochromacy



Original Color

117.9840, 4.4449, 21.0620

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0980, 1.4307, 7.8071

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9840, 4.4449, 21.0620 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(142, 104, 127)` looks like.

```
.text, #text, p{  
    color:rgb(142, 104, 127)  
}
```

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(142, 104, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 104, 127) }
```

Border

The CSS property to change the border of an element to YUV 117.9840, 4.4449, 21.0620 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(142, 104, 127) }
```


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

```
.border{ border-color:rgb(142, 104, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 104, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 104, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 104, 127);  
box-shadow:4px 4px 4px 4px rgb(142, 104,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 117.9840, 4.4449, 21.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 104, 127) }
```

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

```
.background{ background-color: rgb(142,  
104, 127) }
```

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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