

Converting Colors

YUV(103.7120, 7.0440, 27.4396)

Have a look what the booklet for
YUV(103.7120, 7.0440, 27.4396)
contains.

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Color

**YUV(103.7120, 7.0440,
27.4396)**

Conversions

Conversions Part 1

Format	Color
Hex	875576
RGB	135, 85, 118
RGB Percent	53%, 33%, 46%
CMY	0.4706, 0.6667, 0.5373
CMYK	0.00, 0.37, 0.13, 0.47
HSL	320°, 23%, 43%
HSV	320°, 37%, 53%
XYZ	16.5102, 12.9559, 18.7701
YIQ	103.7120, 19.2070, 20.8630

Conversions

Conversions Part 2

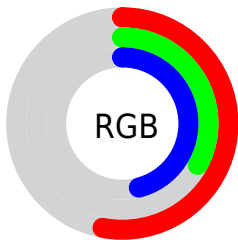
Format	Color
R_{YB}	135, 85, 118
Decimal	8869238
CIE _{Lab}	42.70, 25.98, -10.11
CIE _{LCh}	43, 27.875, 338.738
Yxy	12.9559, 0.3423, 0.2686
Android (android.graphics.Color)	4287059318 (0xFF875576)
YUV	103.7120, 7.0440, 27.4396
Hunter-Lab	35.9943, 18.8859, -5.7222

Details

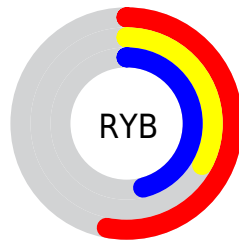
The YUV color **103.7120, 7.0440, 27.4396** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **116.2880, -7.0440, -27.4396**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.7230, 7.0386, 29.1839**, and **55.4020, 7.1968, 25.0804** is the 20% darker color. If you saturate the color by 10%, you get **95.5110, 8.6221, 34.6319**, and if you desaturate by 10%, it is **112.5000, 5.1765, 19.7325**.

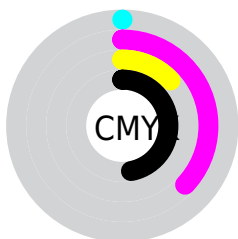
Distribution



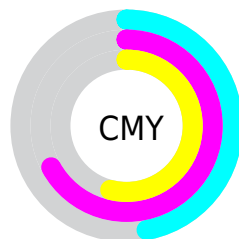
- Red (53%)
- Green (33%)
- Blue (46%)



- Red (53%)
- Yellow (33%)
- Blue (46%)



- Cyan (0%)
- Magenta (37%)
- Yellow (13%)
- Black (47%)



- Cyan (47%)
- Magenta (67%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.7120, 7.0440, 27.4396 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 103.7120, 7.0440, 27.4396 by changing the saturation by 10% instead.

■ 103.7120, 7.0440,
27.4396

■ 103.7120, 7.0440,
27.4396

■ 255.0000, 0.0000,
0.0000

■ 79.0000, 6.9020,
26.3100

■ 155.7230, 7.0386,
29.1839

■ 55.4020, 7.1968,
25.0804

■ 182.4350, 7.1805,
30.3135

■ 32.1030, 7.3442,
24.4657

■ 210.1470, 7.3225,
31.4431

■ 14.7390, 6.0447,
21.2769

■ 232.5800, 10.5601,
19.6623

■ 0.0000, 0.0000,
0.0000

■ 249.7170, 2.6045,
4.6332

■ 103.7120, 7.0440,
27.4396

■ 103.7120, 7.0440,
27.4396

■ 95.5110, 8.6221,
34.6319

■ 112.5000, 5.1765,
19.7325

■ 86.8370, 10.9264,
42.2390

■ 120.5870, 3.1616,
12.6402

■ 78.6360, 12.5045,
49.4312

■ 129.3750, 1.2941,
4.9331

■ 69.9620, 14.8087,
57.0383

■ 137.4620, -0.7208,
-2.1592

■ 61.7610, 16.3868,
64.2306

■ 146.2500, -2.5882,
-9.8663

■ 52.9730, 18.2543,
71.9377


■ 154.4510, -4.1663,
-17.0585

■ 50.5110, 18.9751,
74.0969

■ 162.5380, -6.1812,
-24.1508

■ 171.3260, -8.0487,

-31.8579

 180.0000,
-10.3530, -39.4650

Harmonies

Analogous

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



103.1100, 16.7078, 7.7965



103.7120, 7.0440, 27.4396



102.9060, -3.8977, 36.9164

Triad

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



103.7120, 7.0440, 27.4396



98.7350, -21.5614, 9.0024



80.4500, 23.9351, -70.5547

Complementary

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



103.7120, 7.0440, 27.4396



116.2880, -7.0440, -27.4396

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.



82.1170, 12.2673, -61.4926



103.7120, 7.0440, 27.4396



95.8080, -15.6813, -10.3556

Square

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



103.7120, 7.0440, 27.4396



100.3610, -20.8840, 25.1164



91.6510, -4.2649, -32.1429



89.2660, 26.4909, -50.2223

Rectangle

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



103.7120, 7.0440, 27.4396



101.7830, -10.7390, 37.9013



91.6510, -4.2649, -32.1429



79.6520, 20.8776, -69.8548

Sweetspot

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



103.7120, 7.0440, 27.4396



164.0490, 2.4408, 10.4810



95.7830, 19.3340, 5.4523



82.0870, 1.4361, 6.0627



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.



103.7120, 7.0440, 27.4396



127.8370, 10.9264, 42.2390



100.8620, -3.8760, 29.9390



62.2500, 0.8628, 3.2888



48.6740, 18.4017, 71.3229



1.1250, 0.4314, 1.6444

Inverse Universe

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



103.7120, 7.0440, 27.4396



127.8370, 10.9264, 42.2390



119.1380, 3.8760, -29.9390



62.2500, 0.8628, 3.2888



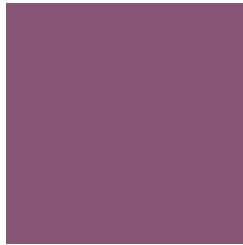
48.6740, 18.4017, 71.3229



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 103.7120, 7.0440, 27.4396 looks on a white background.

Color Contrast Check

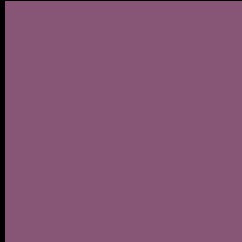
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.7120, 7.0440, 27.4396 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 103.7120, 7.0440, 27.4396

Background



This preview shows how black text looks on a background with the YUV color 103.7120, 7.0440, 27.4396.



This preview shows how white text looks on a background with the YUV color 103.7120, 7.0440,

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

103.7120, 7.0440, 27.4396

Protanopia

101.3980, 13.1148, -6.4880

Deuteranopia

102.4330, 6.6885, 1.3743



Tritanopia

102.6550, -3.2809, 25.7356

Trichromacy



Original Color

103.7120, 7.0440, 27.4396

Protanomaly

102.4920, 10.6034, 5.7075

Deuteranomaly

102.9010, 6.9508, 10.6108

Tritanomaly

103.2790, 0.3555, 26.0653

Monochromacy



Original Color

103.7120, 7.0440, 27.4396

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.7500, 2.5882, 9.8663

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7120, 7.0440, 27.4396 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(135, 85, 118)` looks like.

```
.text, #text, p{  
    color:rgb(135, 85, 118)  
}
```

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(135, 85, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 85, 118) }
```

Border

The CSS property to change the border of an element to YUV 103.7120, 7.0440, 27.4396 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(135, 85, 118) }
```


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

```
.border{ border-color:rgb(135, 85, 118) }
```

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

Here you see how a box with a 4 pixel rgb(135, 85, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 85, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 85, 118);  
box-shadow:4px 4px 4px 4px rgb(135, 85,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 103.7120, 7.0440, 27.4396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 85, 118) }
```

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

```
.background{ background-color: rgb(135, 85,  
118) }
```

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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