

Converting Colors

YUV(103.7460, 2.0972, 27.4098)

Have a look what the booklet for
YUV(103.7460, 2.0972, 27.4098)
contains.

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Color

**YUV(103.7460, 2.0972,
27.4098)**

Conversions

Conversions Part 1

Format	Color
Hex	87576C
RGB	135, 87, 108
RGB Percent	53%, 34%, 42%
CMY	0.4706, 0.6588, 0.5765
CMYK	0.00, 0.36, 0.20, 0.47
HSL	334°, 22%, 44%
HSV	334°, 36%, 53%
XYZ	16.1066, 13.0500, 15.8573
YIQ	103.7460, 21.8670, 16.7070

Conversions

Conversions Part 2

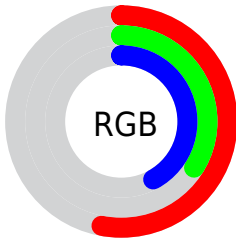
Format	Color
R_{YB}	135, 87, 108
Decimal	8869740
CIE _{Lab}	42.84, 23.08, -3.78
CIE _{LCh}	43, 23.383, 350.698
Yxy	13.0500, 0.3578, 0.2899
Android (android.graphics.Color)	4287059820 (0xFF87576C)
YUV	103.7460, 2.0972, 27.4098
Hunter-Lab	36.1248, 16.3679, -0.7386

Details

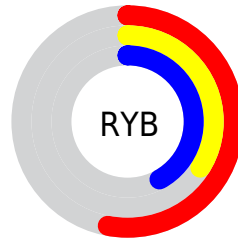
The YUV color $[103.7460, 2.0972, 27.4098]$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $[118.2540, -2.0972, -27.4098]$, and the grayscale version is $[104.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[155.6430, 1.6550, 29.2541]$, and $[55.5500, 2.6869, 24.9507]$ is the 20% darker color. If you saturate the color by 10%, you get $[95.2030, 2.3649, 34.9020]$, and if you desaturate by 10%, it is $[112.8760, 1.5401, 19.4027]$.

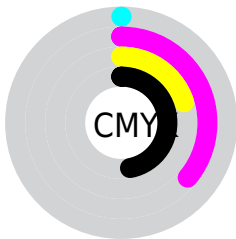
Distribution



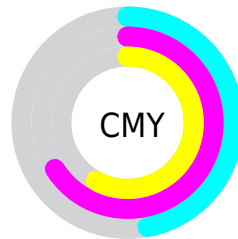
- Red (53%)
- Green (34%)
- Blue (42%)



- Red (53%)
- Yellow (34%)
- Blue (42%)



- Cyan (0%)
- Magenta (36%)
- Yellow (20%)
- Black (47%)





- Cyan (47%)
- Magenta (66%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.7460, 2.0972, 27.4098 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 103.7460, 2.0972, 27.4098 by changing the saturation by 10% instead.

 103.7460, 2.0972,
27.4098

 103.7460, 2.0972,
27.4098


255.0000, 0.0000,
0.0000

 79.1480, 2.3920,
26.1802


 155.6430, 1.6550,
29.2541

 55.5500, 2.6869,
24.9507

 182.3550, 1.7970,
30.3837


 32.9520, 2.9817,
23.7211

 210.0670, 1.9390,
31.5132

 13.7130, 2.1135,
22.1767

 232.3860, 4.7397,
19.8325

 0.0000, 0.0000,
0.0000

 250.8910, 2.0257,
3.6036

■ 103.7460, 2.0972,
27.4098

■ 103.7460, 2.0972,
27.4098

■ 95.2030, 2.3649,
34.9020

■ 112.8760, 1.5401,
19.4027

■ 86.1870, 3.3588,
42.8090

■ 121.3050, 0.8356,
12.0105

■ 77.6440, 3.6265,
50.3012

■ 130.4350, 0.2785,
4.0035

■ 68.6280, 4.6204,
58.2082

■ 138.8640, -0.4260,
-3.3887

■ 59.4980, 5.1775,
66.2153

■ 147.9940, -0.9830,
-11.3957

■ 50.9550, 5.4452,
73.7075

■ 156.5370, -1.2507,
-18.8879

■ 47.0910, 5.8711,
77.0962

■ 165.5530, -2.2446,
-26.7950

■ 174.0960, -2.5123,

-34.2872

■ 183.1120, -3.5062,
-42.1942

Harmonies

Analogous

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



104.2480, 10.7237, 13.8145



103.7460, 2.0972, 27.4098



102.6620, -7.2284, 31.8684

Triad

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



103.7460, 2.0972, 27.4098



98.6570, -16.5929, 2.0548



90.1650, 19.6387, -45.7487

Complementary

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



103.7460, 2.0972, 27.4098



118.2540, -2.0972, -27.4098

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.



89.2050, 12.2239, -47.5378



103.7460, 2.0972, 27.4098



95.9690, -9.8447, -15.7588

Square

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



103.7460, 2.0972, 27.4098



100.5880, -18.5309, 17.0243



92.3180, 0.8292, -32.7279



96.9160, 20.7474, -27.9903

Rectangle

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



103.7460, 2.0972, 27.4098



102.5710, -12.6065, 30.1942



92.3180, 0.8292, -32.7279



88.8010, 18.3391, -48.9375

Sweetspot

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



103.7460, 2.0972, 27.4098



163.5930, 0.6937, 10.8809



100.2460, 17.1337, 11.1853



81.8590, 0.5625, 6.2627



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.



103.7460, 2.0972, 27.4098



126.4860, 3.2114, 43.4238



102.5260, -7.6543, 28.4797



62.1360, 0.4260, 3.3887



45.3680, 5.7346, 74.2223



1.0110, -0.0054, 1.7444

Inverse Universe

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



103.7460, 2.0972, 27.4098



126.4860, 3.2114, 43.4238



119.4740, 7.6543, -28.4797



62.1360, 0.4260, 3.3887



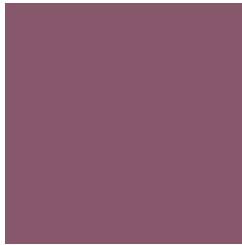
45.3680, 5.7346, 74.2223



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 103.7460, 2.0972, 27.4098 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 103.7460, 2.0972, 27.4098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

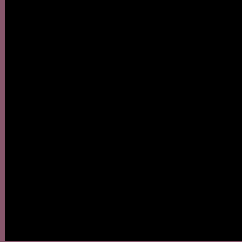
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.7460, 2.0972, 27.4098

Background



This preview shows how black text looks on a background with the YUV color 103.7460, 2.0972, 27.4098.



This preview shows how white text looks on a background with the YUV color 103.7460, 2.0972,

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

103.7460, 2.0972, 27.4098

Protanopia

102.2260, 7.2836, -2.8292

Deuteranopia

102.2010, 1.8729, 5.9627



Tritanopia

103.2530, -3.5757, 26.9651

Trichromacy



Original Color

103.7460, 2.0972, 27.4098

Protanomaly

102.8360, 5.5039, 8.0368

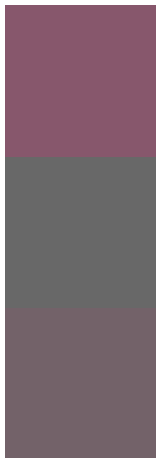
Deuteranomaly

102.6580, 2.1406, 13.4549

Tritanomaly

103.1220, -1.5391, 27.0800

Monochromacy



Original Color

103.7460, 2.0972, 27.4098

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8810, 0.5517, 9.7514

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7460, 2.0972, 27.4098 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, 87, 108)` looks like.

```
.text, #text, p{  
    color:rgb(135, 87, 108)  
}
```

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, 87, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 87, 108) }
```

Border

The CSS property to change the border of an element to YUV 103.7460, 2.0972, 27.4098 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, 87, 108) }
```


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

```
.border{ border-color:rgb(135, 87, 108) }
```

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

Here you see how a box with a 4 pixel rgb(135, 87, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 87, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 87, 108);  
box-shadow:4px 4px 4px 4px rgb(135, 87,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 103.7460, 2.0972, 27.4098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 87, 108) }
```

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

```
.background{ background-color: rgb(135, 87,  
108) }
```

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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