

Converting Colors

YUV(103.7940, 2.5666, 16.8437)

Have a look what the booklet for
YUV(103.7940, 2.5666, 16.8437)
contains.

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Color

**YUV(103.7940, 2.5666,
16.8437)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 7B5D6D |
| RGB | 123, 93, 109 |
| RGB Percent | 48%, 36%, 43% |
| CMY | 0.5176, 0.6353, 0.5725 |
| CMYK | 0.00, 0.24, 0.11, 0.52 |
| HSL | 328°, 14%, 42% |
| HSV | 328°, 24%, 48% |
| XYZ | 14.8430, 13.1438, 16.2227 |
| YIQ | 103.7940, 12.7440, 11.3360 |

Conversions

Conversions Part 2

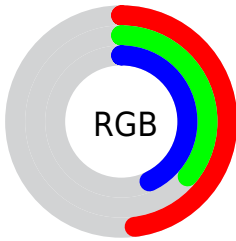
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 123, 93, 109 |
| Decimal | 8084845 |
| CIE _{Lab} | 42.98, 15.04, -4.34 |
| CIE _{LCh} | 43, 15.649, 343.902 |
| Yxy | 13.1438, 0.3357, 0.2973 |
| Android (android.graphics.Color) | 4286274925 (0xFF7B5D6D) |
| YUV | 103.7940, 2.5666, 16.8437 |
| Hunter-Lab | 36.2544, 9.6353, -1.1524 |

Details

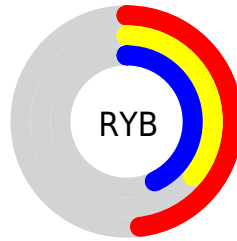
The YUV color **103.7940, 2.5666, 16.8437** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **112.2060, -2.5666, -16.8437**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.3920, 2.2717, 18.0732**, and **56.7830, 2.5720, 15.0993** is the 20% darker color. If you saturate the color by 10%, you get **96.0660, 3.4185, 23.6211**, and if you desaturate by 10%, it is **111.5220, 1.7147, 10.0662**.

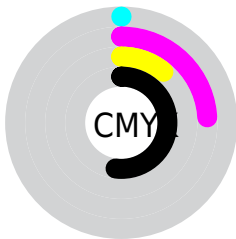
Distribution



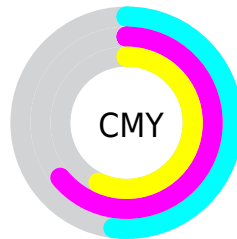
- Red (48%)
- Green (36%)
- Blue (43%)



- Red (48%)
- Yellow (36%)
- Blue (43%)



- Cyan (0%)
- Magenta (24%)
- Yellow (11%)
- Black (52%)



- Cyan (52%)
- Magenta (64%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.7940, 2.5666, 16.8437 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 103.7940, 2.5666, 16.8437 by changing the saturation by 10% instead.

■ 103.7940, 2.5666,
16.8437

■ 103.7940, 2.5666,
16.8437

255.0000, 0.0000,
0.0000

■ 79.4950, 2.7140,
16.2289

■ 155.3920, 2.2717,
18.0732

■ 56.7830, 2.5720,
15.0993

■ 181.8050, 2.5611,
18.5880

■ 34.4840, 2.7194,
14.4845

■ 209.5170, 2.7031,
19.7176

■ 11.4350, 3.7295,
17.1585

■ 236.1360, 3.8770,
16.5437

■ 0.0000, 0.0000,
0.0000

254.4130, 0.2894,
0.5148

■ 103.7940, 2.5666,
16.8437

■ 103.7940, 2.5666,
16.8437

■ 96.0660, 3.4185,
23.6211

■ 111.5220, 1.7147,
10.0662

■ 87.8650, 4.9966,
30.8134

■ 119.7230, 0.1366,
2.8739

■ 80.1370, 5.8485,
37.5909

■ 127.4510, -0.7153,
-3.9035

■ 72.4090, 6.7004,
44.3683

■ 135.1790, -1.5672,
-10.6810

■ 64.6810, 7.5523,
51.1458

■ 143.4940, -2.7085,
-17.9732

■ 56.4800, 9.1304,
58.3380

■ 151.1080, -3.9972,
-24.6507

■ 48.7520, 9.9823,
65.1155

■ 158.8360, -4.8491,
-31.4282

■ 44.3010, 10.6976,

■ 166.5640, -5.7011,

69.0190

-38.2056

 174.8790, -6.8423,
-45.4979

Harmonies

Analogous

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



103.2210, 8.2720, 6.8222



103.7940, 2.5666, 16.8437



103.2200, -3.5595, 21.7321

Triad

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



103.7940, 2.5666, 16.8437



100.5200, -12.0884, 3.9290



96.6960, 10.9959, -26.9204

Complementary

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



103.7940, 2.5666, 16.8437



112.2060, -2.5666, -16.8437

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.



95.9150, 5.4649, -26.2355



103.7940, 2.5666, 16.8437



98.5940, -7.6878, -7.5369

Square

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



103.7940, 2.5666, 16.8437



101.5860, -12.1209, 14.3951



96.8360, -1.3981, -18.2732



99.0220, 13.3002, -19.3133

Rectangle

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



103.7940, 2.5666, 16.8437



102.5960, -7.1958, 21.4023



96.8360, -1.3981, -18.2732



95.9410, 9.3961, -27.1353

Sweetspot

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



103.7940, 2.5666, 16.8437



153.2720, 0.8519, 6.7775



100.6060, 11.0402, 5.6075



77.5490, 0.7153, 3.9035



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



103.7940, 2.5666, 16.8437



130.9030, 3.9918, 26.3951



102.0840, -3.9854, 18.3433



57.1360, 0.4260, 3.3887



45.0130, 10.8396, 70.1486



90.7380, 21.8212, 141.4268

Inverse Universe

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



103.7940, 2.5666, 16.8437



130.9030, 3.9918, 26.3951



113.9160, 3.9854, -18.3433



57.1360, 0.4260, 3.3887



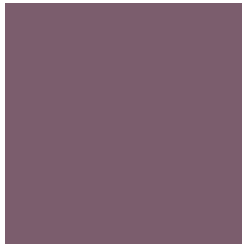
45.0130, 10.8396, 70.1486



90.7380, 21.8212, 141.4268

Previews

White Background



This preview shows how the YUV color 103.7940, 2.5666, 16.8437 looks on a white background.

Color Contrast Check

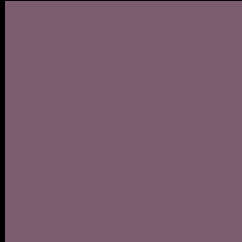
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.7940, 2.5666, 16.8437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

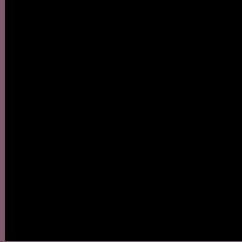
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.7940, 2.5666, 16.8437

Background



This preview shows how black text looks on a background with the YUV color 103.7940, 2.5666, 16.8437.



This preview shows how white text looks on a background with the YUV color 103.7940, 2.5666,

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

103.7940, 2.5666, 16.8437

Protanopia

102.1830, 5.8258, -1.9145

Deuteranopia

103.0160, 2.4571, 5.2480



Tritanopia

103.2840, -0.6330, 16.4139

Trichromacy



Original Color

103.7940, 2.5666, 16.8437

Protanomaly

102.5860, 4.6411, 4.7481

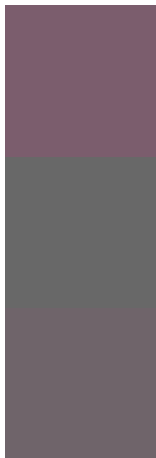
Deuteranomaly

103.3370, 2.2989, 9.3515

Tritanomaly

103.6260, 0.6774, 16.1140

Monochromacy



Original Color

103.7940, 2.5666, 16.8437

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9730, 0.9993, 6.1627

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7940, 2.5666, 16.8437 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(123, 93, 109)` looks like.

```
.text, #text, p{  
    color:rgb(123, 93, 109)  
}
```

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(123, 93, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 93, 109) }
```

Border

The CSS property to change the border of an element to YUV 103.7940, 2.5666, 16.8437 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(123, 93, 109) }
```


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

```
.border{ border-color:rgb(123, 93, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 93, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 93, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 93, 109); box-shadow:4px 4px 4px 4px rgb(123, 93, 109) }
```

Background

The CSS property to change the background color of an element to YUV 103.7940, 2.5666, 16.8437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 93, 109) }
```

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

```
.background{ background-color: rgb(123, 93,  
109) }
```

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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