

Converting Colors

YUV(97.5380, 24.3848, 18.8222)

Have a look what the booklet for
YUV(97.5380, 24.3848, 18.8222)
contains.

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Color

**YUV(97.5380, 24.3848,
18.8222)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 774D93 |
| RGB | 119, 77, 147 |
| RGB Percent | 47%, 30%, 58% |
| CMY | 0.5333, 0.6980, 0.4235 |
| CMYK | 0.19, 0.48, 0.00, 0.42 |
| HSL | 276°, 31%, 44% |
| HSV | 276°, 48%, 58% |
| XYZ | 15.5281, 11.3363, 28.9735 |
| YIQ | 97.5380, 2.5620, 30.6740 |

Conversions

Conversions Part 2

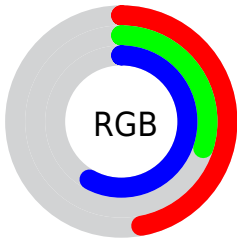
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 119, 77, 147 |
| Decimal | 7818643 |
| CIE _{Lab} | 40.14, 31.35, -31.85 |
| CIE _{LCh} | 40, 44.686, 314.549 |
| Yxy | 11.3363, 0.2781, 0.2030 |
| Android (android.graphics.Color) | 4286008723 (0xFF774D93) |
| YUV | 97.5380, 24.3848, 18.8222 |
| Hunter-Lab | 33.6694, 23.4015, -27.4522 |

Details

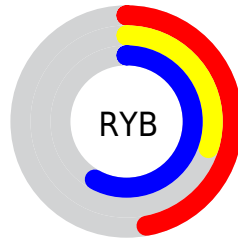
The YUV color **97.5380, 24.3848, 18.8222** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **126.4620, -24.3848, -18.8222**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.1900, 25.5423, 20.8814**, and **48.8860, 23.2272, 16.7630** is the 20% darker color. If you saturate the color by 10%, you get **86.9390, 29.6101, 22.8555**, and if you desaturate by 10%, it is **108.1370, 19.1595, 14.7889**.

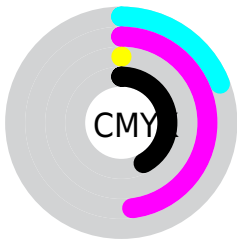
Distribution



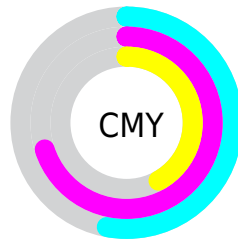
- Red (47%)
- Green (30%)
- Blue (58%)



- Red (47%)
- Yellow (30%)
- Blue (58%)



- Cyan (19%)
- Magenta (48%)
- Yellow (0%)
- Black (42%)



- Cyan (53%)
- Magenta (70%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.5380, 24.3848, 18.8222 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 97.5380, 24.3848, 18.8222 by changing the saturation by 10% instead.

97.5380, 24.3848,
18.8222

97.5380, 24.3848,
18.8222

255.0000, 0.0000,
0.0000

72.7120, 23.8060,
17.7926

149.1900, 25.5423,
20.8814

48.8860, 23.2272,
16.7630

176.1300, 26.5579,
21.8110

25.4730, 22.9378,
16.2482

203.2010, 25.5369,
22.6257

13.3600, 17.5705,
11.0853

227.4110, 13.6014,
24.1956

3.6650, 11.5042,
-3.2142

244.4340, 5.2090,
9.2664

0.0000, 0.0000,
0.0000

97.5380, 24.3848,
18.8222

97.5380, 24.3848,
18.8222

86.9390, 29.6101,
22.8555

108.1370, 19.1595,
14.7889

76.9270, 34.5460,
26.3740

118.1490, 14.2235,
11.2703

66.3280, 39.7713,
30.4073

128.7480, 8.9982,
7.2370

55.7290, 44.9966,
34.4407

139.3470, 3.7729,
3.2037

46.0160, 49.7851,
38.5740

149.6470, -1.3050,
-1.4444


43.0700, 51.2375,
39.4036

159.6590, -6.2409,
-4.9629

170.2580,
-11.4662, -8.9963

180.8570,

-16.6915, -13.0296

 190.8690,
-21.6274, -16.5481

Harmonies

Analogous

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



90.2590, 37.3403, -30.0451



97.5380, 24.3848, 18.8222



95.2400, 9.7417, 48.9015

Triad

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



97.5380, 24.3848, 18.8222



91.1050, -36.0408, 33.2339



78.5120, 16.5096, -68.8550

Complementary

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



97.5380, 24.3848, 18.8222



126.4620, -24.3848, -18.8222

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.



73.5930, 0.2007, -64.5411



97.5380, 24.3848, 18.8222



87.7120, -36.8330, 7.2686

Square

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



97.5380, 24.3848, 18.8222



92.2550, -23.2967, 52.3964



82.8140, -21.6003, -25.2699



81.1000, 31.5027, -71.1247

Rectangle

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



97.5380, 24.3848, 18.8222



92.8470, -0.9106, 58.8932



82.8140, -21.6003, -25.2699



77.0300, 10.8312, -67.5553

Sweetspot

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



97.5380, 24.3848, 18.8222



172.1610, 9.2876, 7.7518



101.4160, 22.4729, -21.4128



84.9280, 5.9515, 4.4481



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



97.5380, 24.3848, 18.8222



114.1600, 37.8821, 29.6777



105.1120, 17.1998, 36.7358



68.9940, 2.4680, 1.7593



40.5490, 48.0433, 37.2295



2.9340, 3.4835, 2.6889

Inverse Universe

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



101.1220, 1.9119, 40.2350



119.6070, 3.1517, 62.6117



118.8880, -17.1998, -36.7358



69.4350, 0.2785, 4.0035



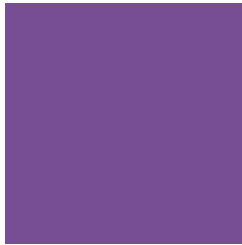
47.5320, 3.6817, 79.3404



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 97.5380, 24.3848, 18.8222 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 97.5380, 24.3848, 18.8222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

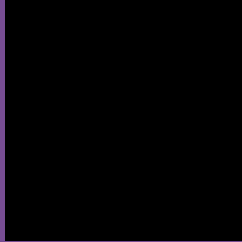
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.5380, 24.3848, 18.8222

Background



This preview shows how black text looks on a background with the YUV color 97.5380, 24.3848, 18.8222.



This preview shows how white text looks on a background with the YUV color 97.5380, 24.3848,

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

97.5380, 24.3848, 18.8222

Protanopia

92.6790, 33.6823, -23.3975

Deuteranopia

93.7090, 24.7935, -19.0388



Tritanopia

96.3760, -0.1854, 12.8252

Trichromacy



Original Color

97.5380, 24.3848, 18.8222

Protanomaly

94.2680, 30.4339, -8.1280

Deuteranomaly

94.7970, 24.7501, -5.0840

Tritanomaly

97.0910, 8.8291, 14.8292

Monochromacy



Original Color

97.5380, 24.3848, 18.8222

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.7480, 8.9982, 7.2370

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.5380, 24.3848, 18.8222 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(119, 77, 147)` looks like.

```
.text, #text, p{  
    color:rgb(119, 77, 147)  
}
```

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(119, 77, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 77, 147) }
```

Border

The CSS property to change the border of an element to YUV 97.5380, 24.3848, 18.8222 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(119, 77, 147) }
```


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

```
.border{ border-color:rgb(119, 77, 147) }
```

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

Here you see how a box with a 4 pixel rgb(119, 77, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 77, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 77, 147);  
box-shadow:4px 4px 4px 4px rgb(119, 77,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 97.5380, 24.3848, 18.8222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 77, 147) }
```

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

```
.background{ background-color: rgb(119, 77,  
147) }
```

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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