

Converting Colors

YUV(98.9630, 19.7382, 15.8184)

Have a look what the booklet for
YUV(98.9630, 19.7382, 15.8184)
contains.

YUV(98.9630, 19.7382, 15.8184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(98.9630, 19.7382,
15.8184)**

Conversions

Conversions Part 1

Format	Color
Hex	75528B
RGB	117, 82, 139
RGB Percent	46%, 32%, 55%
CMY	0.5412, 0.6784, 0.4549
CMYK	0.16, 0.41, 0.00, 0.45
HSL	277°, 26%, 43%
HSV	277°, 41%, 55%
XYZ	15.0136, 11.6806, 25.8894
YIQ	98.9630, 2.5630, 25.1470

Conversions

Conversions Part 2

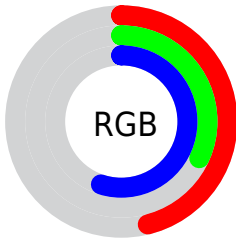
Format	Color
R_{YB}	117, 82, 139
Decimal	7688843
CIE _{Lab}	40.70, 25.87, -26.14
CIE _{LCh}	41, 36.776, 314.704
Yxy	11.6806, 0.2855, 0.2221
Android (android.graphics.Color)	4285878923 (0xFF75528B)
YUV	98.9630, 19.7382, 15.8184
Hunter-Lab	34.1769, 18.6041, -20.9891

Details

The YUV color **98.9630, 19.7382, 15.8184** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **122.0370, -19.7382, -15.8184**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.3160, 21.0432, 17.2629**, and **51.3110, 18.5807, 13.7593** is the 20% darker color. If you saturate the color by 10%, you get **89.2500, 24.5267, 19.9518**, and if you desaturate by 10%, it is **108.6760, 14.9497, 11.6851**.

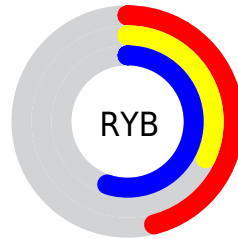
Distribution



Red (46%)

Green (32%)

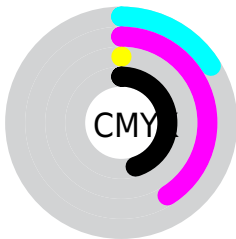
Blue (55%)



Red (46%)

Yellow (32%)

Blue (55%)

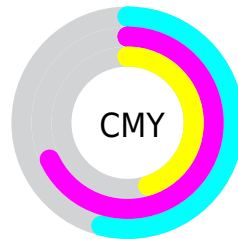


Cyan (16%)

Magenta (41%)

Yellow (0%)

Black (45%)



Cyan (54%)

Magenta (68%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.9630, 19.7382, 15.8184 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 98.9630, 19.7382, 15.8184 by changing the saturation by 10% instead.

■ 98.9630, 19.7382,
15.8184

■ 98.9630, 19.7382,
15.8184

■ 255.0000, 0.0000,
0.0000

■ 74.4360, 19.0121,
15.4036

■ 150.3160, 21.0432,
17.2629

■ 51.3110, 18.5807,
13.7593

■ 177.1420, 21.6220,
18.2925

■ 28.7840, 17.8545,
13.3444

■ 205.1420, 21.6220,
18.2925

■ 12.6760, 14.9497,
11.6851

■ 230.3460, 12.1544,
21.6216

■ 2.9810, 8.8834,
-2.6143

■ 247.3690, 3.7621,
6.6924

■ 0.0000, 0.0000,
0.0000

98.9630, 19.7382,
15.8184

98.9630, 19.7382,
15.8184

89.2500, 24.5267,
19.9518

108.6760, 14.9497,
11.6851

79.2380, 29.4627,
23.4703

118.6880, 10.0138,
8.1666

69.5250, 34.2512,
27.6036

128.4010, 5.2253,
4.0333

59.8120, 39.0397,
31.7369

138.1140, 0.4368,
-0.1000

50.3870, 43.6862,
34.7406

148.1260, -4.4991,
-3.6185


41.2610, 48.1853,
38.3591

157.2520, -8.9982,
-7.2370

167.2640,
-13.9342, -10.7555

176.9770,

-18.7227, -14.8888

 186.6900,
-23.5112, -19.0221

Harmonies

Analogous

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



93.9630, 29.5982, -20.1386



98.9630, 19.7382, 15.8184



97.9030, 7.4428, 39.5501

Triad

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



98.9630, 19.7382, 15.8184



94.0210, -28.6044, 28.0456



77.6970, 15.9254, -68.1403

Complementary

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



98.9630, 19.7382, 15.8184



122.0370, -19.7382, -15.8184

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.



73.5760, 2.6740, -64.5262



98.9630, 19.7382, 15.8184



91.5900, -28.3919, 6.4986

Square

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



98.9630, 19.7382, 15.8184



95.4110, -19.9226, 43.4896



87.4710, -17.9802, -19.7071



79.7150, 28.7345, -69.9101

Rectangle

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



98.9630, 19.7382, 15.8184



96.1400, -2.0410, 48.1122



87.4710, -17.9802, -19.7071



76.5570, 11.5574, -67.1405

Sweetspot

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



98.9630, 19.7382, 15.8184



165.6940, 7.5459, 6.4074



101.9990, 18.2415, -17.5391



82.8740, 4.4991, 3.6185



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.



98.9630, 19.7382, 15.8184



118.5910, 30.7676, 24.9147



104.8570, 13.8745, 29.9434



63.9940, 2.4680, 1.7593



39.3810, 46.1542, 36.4999



1.4670, 1.7418, 1.3444

Inverse Universe

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



101.5510, 1.2074, 32.8428



122.6010, 2.1687, 51.2159



116.1430, -13.8745, -29.9434



64.4350, 0.2785, 4.0035



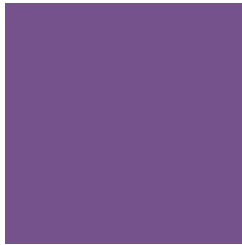
45.5810, 2.6716, 76.6665



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 98.9630, 19.7382, 15.8184 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 98.9630, 19.7382, 15.8184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

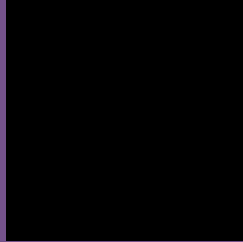
Any Text WCAG AA × Fail

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 98.9630, 19.7382, 15.8184 Background



This preview shows how black text looks on a background with the YUV color 98.9630, 19.7382, 15.8184.



This preview shows how white text looks on a background with the YUV color 98.9630, 19.7382,

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

98.9630, 19.7382, 15.8184

Protanopia

94.8880, 26.6772, -16.5648

Deuteranopia

95.4880, 19.9724, -12.7060



Tritanopia

97.7780, 0.1094, 11.5957

Trichromacy



Original Color

98.9630, 19.7382, 15.8184

Protanomaly

96.5690, 23.8765, -4.8840

Deuteranomaly

96.5540, 19.9399, -2.2399

Tritanomaly

98.3250, 7.2348, 12.8700

Monochromacy



Original Color

98.9630, 19.7382, 15.8184

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.2810, 7.2565, 5.8926

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.9630, 19.7382, 15.8184 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(117, 82, 139)` looks like.

```
.text, #text, p{  
    color:rgb(117, 82, 139)  
}
```

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(117, 82, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 82, 139) }
```

Border

The CSS property to change the border of an element to YUV 98.9630, 19.7382, 15.8184 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(117, 82, 139) }
```


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

```
.border{ border-color:rgb(117, 82, 139) }
```

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

Here you see how a box with a 4 pixel rgb(117, 82, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 82, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 82, 139);  
box-shadow:4px 4px 4px 4px rgb(117, 82,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 98.9630, 19.7382, 15.8184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 82, 139) }
```

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

```
.background{ background-color: rgb(117, 82,  
139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor