

Converting Colors

YUV(119.6750, 19.8802,
16.9480)

Have a look what the booklet for
YUV(119.6750, 19.8802, 16.9480)
contains.

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Color

**YUV(119.6750, 19.8802,
16.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	8B66A0
RGB	139, 102, 160
RGB Percent	55%, 40%, 63%
CMY	0.4549, 0.6000, 0.3725
CMYK	0.13, 0.36, 0.00, 0.37
HSL	278°, 23%, 51%
HSV	278°, 36%, 63%
XYZ	21.7440, 17.5298, 35.4953
YIQ	119.6750, 3.4340, 25.8820

Conversions

Conversions Part 2

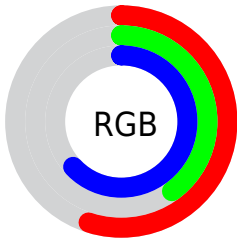
Format	Color
R_{YB}	139, 102, 160
Decimal	9135776
CIE _{Lab}	48.92, 25.97, -25.71
CIE _{LCh}	49, 36.546, 315.282
Yxy	17.5298, 0.2908, 0.2345
Android (android.graphics.Color)	4287325856 (0xFF8B66A0)
YUV	119.6750, 19.8802, 16.9480
Hunter-Lab	41.8686, 19.4321, -20.9568

Details

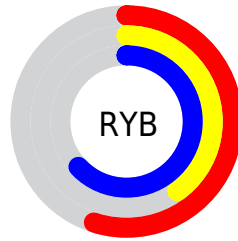
The YUV color **119.6750, 19.8802, 16.9480** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **142.3250, -19.8802, -16.9480**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.6150, 20.8958, 17.8776**, and **70.3220, 18.5753, 15.5036** is the 20% darker color. If you saturate the color by 10%, you get **108.4890, 25.3949, 21.4961**, and if you desaturate by 10%, it is **130.8610, 14.3655, 12.3999**.

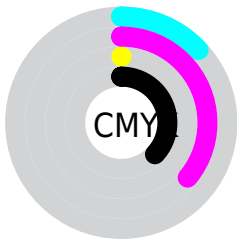
Distribution



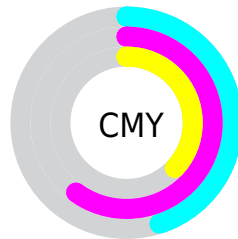
- Red (55%)
- Green (40%)
- Blue (63%)



- Red (55%)
- Yellow (40%)
- Blue (63%)



- Cyan (13%)
- Magenta (36%)
- Yellow (0%)
- Black (37%)



- Cyan (45%)
- Magenta (60%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.6750, 19.8802, 16.9480 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 119.6750, 19.8802, 16.9480 by changing the saturation by 10% instead.

■ 119.6750, 19.8802,
16.9480

■ 119.6750, 19.8802,
16.9480

■ 255.0000, 0.0000,
0.0000

■ 94.8490, 19.3014,
15.9184

■ 172.6150, 20.8958,
17.8776

■ 70.3220, 18.5753,
15.5036

■ 200.0280, 21.1852,
18.3924

■ 47.1970, 18.1439,
13.8592

■ 225.9160, 14.3384,
21.1217

■ 24.6700, 17.4177,
13.4444

■ 244.4340, 5.2090,
9.2664

■ 10.7250, 13.9396,
9.0112

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 119.6750, 19.8802,
16.9480

■ 119.6750, 19.8802,
16.9480

■ 108.4890, 25.3949,
21.4961

■ 130.8610, 14.3655,
12.3999

■ 97.3030, 30.9096,
26.0443

■ 142.0470, 8.8508,
7.8518

■ 86.4160, 36.2769,
31.2072

■ 152.9340, 3.4835,
2.6889

■ 75.2300, 41.7916,
35.7553

■ 164.1200, -2.0312,
-1.8592

■ 64.0440, 47.3063,
40.3034

■ 175.3060, -7.5459,
-6.4074

■ 52.8580, 52.8210,
44.8515

■ 186.4920,
-13.0606, -10.9555

■ 48.7380, 54.8522,
46.7108

■ 197.6780,
-18.5753, -15.5036

■ 208.5650,
-23.9425, -20.6665

■ 219.7510,
-29.4572, -25.2146

Harmonies

Analogous

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



115.0880, 30.0296, -18.4942



119.6750, 19.8802, 16.9480



118.8000, 7.0006, 41.3944

Triad

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



119.6750, 19.8802, 16.9480



114.6190, -28.8992, 29.2751



92.5320, 19.4577, -81.1506

Complementary

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



119.6750, 19.8802, 16.9480



142.3250, -19.8802, -16.9480

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.



98.6480, 0.1735, -55.8193



119.6750, 19.8802, 16.9480



111.5900, -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.



119.6750, 19.8802, 16.9480



116.1940, -20.8016, 45.4339



108.0580, -18.2696, -20.2219



94.4360, 31.8301, -82.8204

Rectangle

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



119.6750, 19.8802, 16.9480



117.6240, -2.7726, 49.4418



108.0580, -18.2696, -20.2219



91.2780, 14.6529, -80.0508

Sweetspot

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



119.6750, 19.8802, 16.9480



193.1070, 7.8352, 6.9222



120.9390, 19.2571, -16.6095



95.2870, 4.7885, 4.1333



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



119.6750, 19.8802, 16.9480



145.1290, 31.4884, 27.0739



125.0420, 13.2903, 30.6582



73.4070, 2.7573, 2.2741



43.5110, 49.0481, 41.6479



4.7000, 5.0779, 4.6481

Inverse Universe

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



121.7360, 0.6232, 33.5575



148.2700, 0.8529, 53.2602



136.9580, -13.2903, -30.6582



73.7340, 0.1311, 4.6183



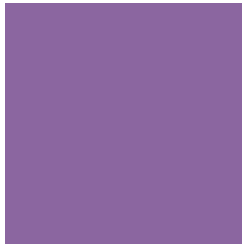
48.6850, 1.6343, 82.7143



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 119.6750, 19.8802, 16.9480 looks on a white background.

Color Contrast Check

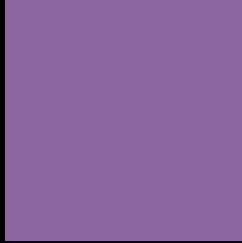
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.6750, 19.8802, 16.9480 looks on a black 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

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

YUV 119.6750, 19.8802, 16.9480 Background



This preview shows how black text looks on a background with the YUV color 119.6750, 19.8802, 16.9480.



This preview shows how white text looks on a background with the YUV color 119.6750, 19.8802,

16.9480.

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

119.6750, 19.8802, 16.9480

Protanopia

116.1870, 26.5298, -15.9500

Deuteranopia

116.7980, 19.8196, -10.3468



Tritanopia

117.9030, 0.5408, 13.2401

Trichromacy



Original Color

119.6750, 19.8802, 16.9480

Protanomaly

117.2810, 24.0185, -3.7544

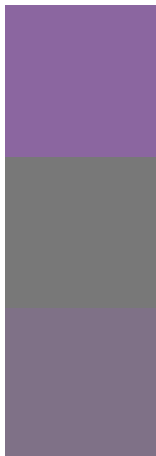
Deuteranomaly

117.5650, 19.9345, -0.4955

Tritanomaly

118.4500, 7.6662, 14.5144

Monochromacy



Original Color

119.6750, 19.8802, 16.9480

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.6940, 7.5459, 6.4074

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.6750, 19.8802, 16.9480 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(139, 102, 160)` looks like.

```
.text, #text, p{  
    color:rgb(139, 102, 160)  
}
```

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(139, 102, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 102, 160) }
```

Border

The CSS property to change the border of an element to YUV 119.6750, 19.8802, 16.9480 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(139, 102, 160) }
```


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

```
.border{ border-color:rgb(139, 102, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 102, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 102, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 102, 160);  
box-shadow:4px 4px 4px 4px rgb(139, 102,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 119.6750, 19.8802, 16.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 102, 160) }
```

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

```
.background{ background-color: rgb(139,  
102, 160) }
```

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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