

Converting Colors

YUV(123.6490, 15.9490,
17.8478)

Have a look what the booklet for
YUV(123.6490, 15.9490, 17.8478)
contains.

YUV(123.6490, 15.9490, 17.8478)	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(123.6490, 15.9490,
17.8478)**

Conversions

Conversions Part 1

Format	Color
Hex	906B9C
RGB	144, 107, 156
RGB Percent	56%, 42%, 61%
CMY	0.4353, 0.5804, 0.3882
CMYK	0.08, 0.31, 0.00, 0.39
HSL	285°, 20%, 52%
HSV	285°, 31%, 61%
XYZ	22.7600, 18.8450, 33.8903
YIQ	123.6490, 6.3230, 23.0830

Conversions

Conversions Part 2

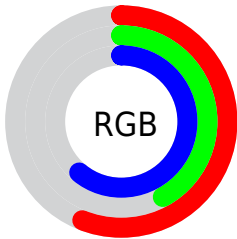
Format	Color
RYB	144, 107, 156
Decimal	9464732
CIELab	50.51, 23.83, -20.88
CIELCh	51, 31.680, 318.780
Yxy	18.8450, 0.3015, 0.2496
Android (android.graphics.Color)	4287654812 (0xFF906B9C)
YUV	123.6490, 15.9490, 17.8478
Hunter-Lab	43.4108, 17.6176, -15.8995

Details

The YUV color **123.6490, 15.9490, 17.8478** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **139.3510, -15.9490, -17.8478**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.5890, 16.9646, 18.7774**, and **74.4100, 15.0809, 16.3034** is the 20% darker color. If you saturate the color by 10%, you get **113.0610, 21.1689, 23.6255**, and if you desaturate by 10%, it is **134.2370, 10.7292, 12.0702**.

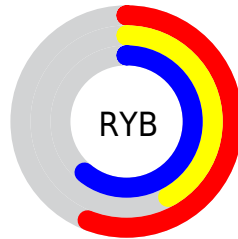
Distribution



Red (56%)

Green (42%)

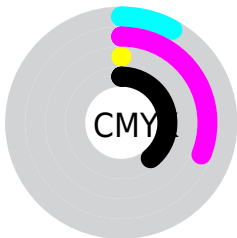
Blue (61%)



Red (56%)

Yellow (42%)

Blue (61%)

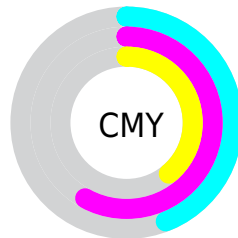


Cyan (8%)

Magenta (31%)

Yellow (0%)

Black (39%)



Cyan (44%)

Magenta (58%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.6490, 15.9490, 17.8478 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 123.6490, 15.9490, 17.8478 by changing the saturation by 10% instead.

123.6490, 15.9490,
17.8478

123.6490, 15.9490,
17.8478

255.0000, 0.0000,
0.0000

98.2360, 15.6597,
17.3330

176.5890, 16.9646,
18.7774

74.4100, 15.0809,
16.3034

204.3010, 17.1066,
19.9070

50.8830, 14.3547,
15.8886

230.9330, 11.8650,
21.1068

28.7580, 13.9233,
14.2442

247.3690, 3.7621,
6.6924

12.4760, 11.5973,
13.6145

1.2540, 4.8048,
-1.0998

0.0000, 0.0000,

0.0000

■ 123.6490, 15.9490,
17.8478

■ 123.6490, 15.9490,
17.8478

■ 113.0610, 21.1689,
23.6255

■ 134.2370, 10.7292,
12.0702

■ 103.0600, 26.0994,
28.8884

■ 144.2380, 5.7987,
6.8073

■ 92.7710, 31.1719,
35.2808

■ 154.5270, 0.7262,
0.4148

■ 82.7700, 36.1024,
40.5437

■ 164.5280, -4.2043,
-4.8481

■ 72.1820, 41.3223,
46.3214

■ 175.1160, -9.4242,
-10.6257

■ 61.5940, 46.5422,
52.0991

■ 185.7040,
-14.6441, -16.4034

■ 53.0660, 50.7465,
56.9471

■ 195.7050,
-19.5746, -21.6663

■ 206.2930,
-24.7944, -27.4440

■ 215.9950,
-29.5775, -33.3216

Harmonies

Analogous

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



120.4650, 24.9138, -10.9318



123.6490, 15.9490, 17.8478



123.3820, 4.2487, 37.3760

Triad

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



123.6490, 15.9490, 17.8478



118.7970, -25.5359, 23.8570



94.2760, 21.0629, -82.6801

Complementary

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



123.6490, 15.9490, 17.8478



139.3510, -15.9490, -17.8478

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.



106.9310, 1.0200, -47.2975



123.6490, 15.9490, 17.8478



116.7190, -24.0185, 3.7544

Square

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



123.6490, 15.9490, 17.8478



120.7910, -19.6170, 38.7713



112.7960, -14.1964, -19.9921



95.7240, 31.6881, -83.9499

Rectangle

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



123.6490, 15.9490, 17.8478



122.4230, -4.6455, 43.4790



112.7960, -14.1964, -19.9921



98.3220, 14.6313, -73.0734

Sweetspot

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



123.6490, 15.9490, 17.8478



192.2380, 5.7987, 6.8073



119.6300, 17.9304, -11.0765



94.6460, 3.6255, 3.8185



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



123.6490, 15.9490, 17.8478



152.5330, 25.3732, 28.4736



125.8690, 8.9386, 26.4249



73.7060, 2.6099, 2.8888



48.5940, 46.5422, 52.0991



5.2980, 4.7831, 5.8777

Inverse Universe

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



123.0190, -1.9814, 28.9243



151.4880, -3.1986, 46.0530



137.1310, -8.9386, -26.4249



73.6200, -0.3057, 4.7183



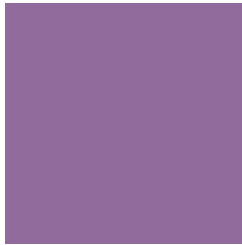
46.7470, -5.7913, 84.4139



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 123.6490, 15.9490, 17.8478 looks on a white background.

Color Contrast Check

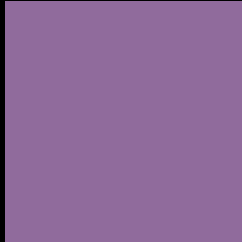
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 123.6490, 15.9490, 17.8478 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 123.6490, 15.9490, 17.8478

Background



This preview shows how black text looks on a background with the YUV color 123.6490, 15.9490, 17.8478.



This preview shows how white text looks on a background with the YUV color 123.6490, 15.9490,

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

123.6490, 15.9490, 17.8478

Protanopia

120.6560, 21.8616, -11.9763

Deuteranopia

121.2070, 16.1669, -5.4435



Tritanopia

122.3870, -0.1908, 14.5696

Trichromacy



Original Color

123.6490, 15.9490, 17.8478

Protanomaly

121.8530, 19.7925, -1.6251

Deuteranomaly

122.2620, 16.1398, 3.2782

Tritanomaly

122.5920, 5.6241, 16.1438

Monochromacy



Original Color

123.6490, 15.9490, 17.8478

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9390, 5.9461, 6.1925

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.6490, 15.9490, 17.8478 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(144, 107, 156)` looks like.

```
.text, #text, p{  
    color:rgb(144, 107, 156)  
}
```

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(144, 107, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 107, 156) }
```

Border

The CSS property to change the border of an element to YUV 123.6490, 15.9490, 17.8478 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(144, 107, 156) }
```


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

```
.border{ border-color:rgb(144, 107, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 107, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 107, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 107, 156);  
box-shadow:4px 4px 4px 4px rgb(144, 107,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 123.6490, 15.9490, 17.8478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 107, 156) }
```

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

```
.background{ background-color: rgb(144,  
107, 156) }
```

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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