

Converting Colors

YUV(102.2670, 22.0534,
19.9368)

Have a look what the booklet for
YUV(102.2670, 22.0534, 19.9368)
contains.

YUV(102.2670, 22.0534, 19.9368)	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(102.2670, 22.0534,
19.9368)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5293
RGB	125, 82, 147
RGB Percent	49%, 32%, 58%
CMY	0.5098, 0.6784, 0.4235
CMYK	0.15, 0.44, 0.00, 0.42
HSL	280°, 28%, 45%
HSV	280°, 44%, 58%
XYZ	16.7412, 12.5011, 29.1344
YIQ	102.2670, 4.7630, 29.3310

Conversions

Conversions Part 2

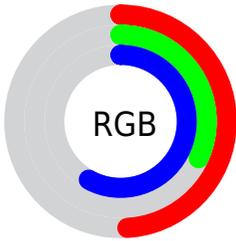
Format	Color
R _Y B	125, 82, 147
Decimal	8213139
CIE Lab	42.00, 30.27, -28.87
CIE LCh	42, 41.832, 316.350
Yxy	12.5011, 0.2868, 0.2141
Android (android.graphics.Color)	4286403219 (0xFF7D5293)
YUV	102.2670, 22.0534, 19.9368
Hunter-Lab	35.3570, 22.6435, -24.1055

Details

The YUV color **102.2670, 22.0534, 19.9368** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **126.7330, -22.0534, -19.9368**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9190, 23.2109, 21.9960**, and **53.6150, 20.8958, 17.8776** is the 20% darker color. If you saturate the color by 10%, you get **91.9670, 27.1313, 24.5849**, and if you desaturate by 10%, it is **112.5670, 16.9755, 15.2887**.

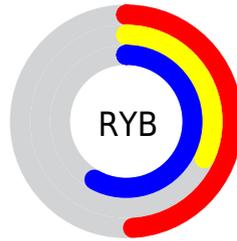
Distribution



Red (49%)

Green (32%)

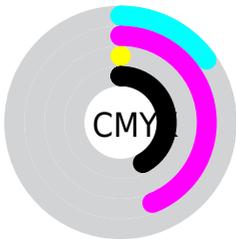
Blue (58%)



Red (49%)

Yellow (32%)

Blue (58%)

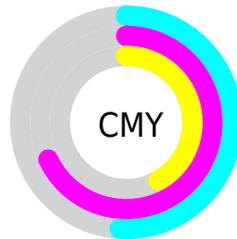


Cyan (15%)

Magenta (44%)

Yellow (0%)

Black (42%)



Cyan (51%)

Magenta (68%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.2670, 22.0534, 19.9368 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 102.2670, 22.0534, 19.9368 by changing the saturation by 10% instead.

102.2670, 22.0534,
19.9368

102.2670, 22.0534,
19.9368

255.0000, 0.0000,
0.0000

77.4410, 21.4746,
18.9072

153.9190, 23.2109,
21.9960

53.6150, 20.8958,
17.8776

181.4460, 23.9371,
22.4109

30.2020, 20.6064,
17.3628

208.5170, 22.9161,
23.2256

14.5560, 16.9809,
13.5444

230.9330, 11.8650,
21.1068

3.6650, 11.5042,
-3.2142

247.9560, 3.4727,
6.1776

0.0000, 0.0000,
0.0000

102.2670, 22.0534,
19.9368

102.2670, 22.0534,
19.9368

91.9670, 27.1313,
24.5849

112.5670, 16.9755,
15.2887

82.2540, 31.9198,
28.7182

122.2800, 12.1870,
11.1554

71.9540, 36.9977,
33.3663

132.5800, 7.1091,
6.5073

61.6540, 42.0756,
38.0144

142.8800, 2.0312,
1.8592

51.9410, 46.8641,
42.1477

153.1800, -3.0467,
-2.7889

45.7610, 49.9108,
44.9366

162.8930, -7.8352,
-6.9222

173.1930,
-12.9131, -11.5703

183.4930,

-17.9910, -16.2184

 193.2060,
-22.7796, -20.3517

Harmonies

Analogous

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



96.3910, 33.8242, -22.2679



102.2670, 22.0534, 19.9368



100.3600, 7.7105, 47.0423

Triad

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



102.2670, 22.0534, 19.9368



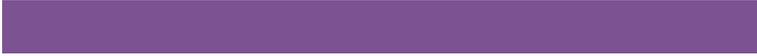
96.4790, -33.2671, 30.2749



81.4300, 17.5360, -71.4141

Complementary

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



102.2670, 22.0534, 19.9368



126.7330, -22.0534, -19.9368

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.



76.8530, 2.5375, -67.4001



102.2670, 22.0534, 19.9368



93.4390, -32.7544, 5.7540

Square

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



102.2670, 22.0534, 19.9368



97.2330, -23.2859, 48.9077



88.6830, -19.5637, -25.1550



83.7900, 31.6555, -73.4838

Rectangle

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



102.2670, 22.0534, 19.9368



98.3690, -2.6469, 55.8044



88.6830, -19.5637, -25.1550



80.1760, 12.7312, -70.3144

Sweetspot

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



102.2670, 22.0534, 19.9368



173.9330, 8.4140, 7.9518



102.9110, 21.7359, -18.3389



86.1130, 5.3673, 5.1629



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.



102.2670, 22.0534, 19.9368



121.5470, 34.2403, 31.0923



107.7050, 14.4424, 34.4617



68.9940, 2.4680, 1.7593



42.9410, 46.8641, 42.1477



3.2330, 3.3361, 3.3037

Inverse Universe

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



103.9430, 0.0281, 37.7610



124.0750, -0.0370, 58.6932



121.2950, -14.4424, -34.4617



69.3210, -0.1583, 4.1035



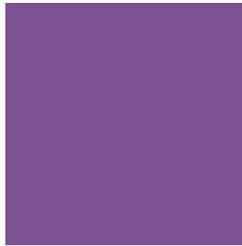
46.6200, 0.1873, 80.1403



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 102.2670, 22.0534, 19.9368 looks on a white background.

Color Contrast Check

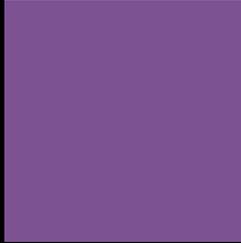
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.2670, 22.0534, 19.9368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

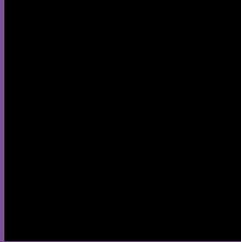
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.2670, 22.0534, 19.9368

Background



This preview shows how black text looks on a background with the YUV color 102.2670, 22.0534, 19.9368.



This preview shows how white text looks on a background with the YUV color 102.2670, 22.0534, 19.9368.

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

102.2670, 22.0534, 19.9368

Protanopia

97.6040, 30.7612, -19.8237

Deuteranopia

99.0470, 22.1618, -14.9502



Tritanopia

101.2730, -0.6276, 14.6696

Trichromacy



Original Color

102.2670, 22.0534, 19.9368

Protanomaly

99.4810, 27.3709, -5.6838

Deuteranomaly

100.4230, 21.9765, -2.1250

Tritanomaly

101.7600, 7.5133, 16.8735

Monochromacy



Original Color

102.2670, 22.0534, 19.9368

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.1070, 7.8352, 6.9222

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.2670, 22.0534, 19.9368 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(125, 82, 147)` looks like.

```
.text, #text, p{  
    color:rgb(125, 82, 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(125, 82, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 82, 147) }
```

Border

The CSS property to change the border of an element to YUV 102.2670, 22.0534, 19.9368 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(125, 82, 147) }
```


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

```
.border{ border-color:rgb(125, 82, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 82, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 82, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 82, 147);  
box-shadow:4px 4px 4px 4px rgb(125, 82,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 102.2670, 22.0534, 19.9368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 82, 147) }
```

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

```
.background{ background-color: rgb(125, 82,  
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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