

Converting Colors

YUV(107.9920, 22.6819,
51.7500)

Have a look what the booklet for
YUV(107.9920, 22.6819, 51.7500)
contains.

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Color

**YUV(107.9920, 22.6819,
51.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	A7459A
RGB	167, 69, 154
RGB Percent	65%, 27%, 60%
CMY	0.3451, 0.7294, 0.3961
CMYK	0.00, 0.59, 0.08, 0.35
HSL	308°, 42%, 46%
HSV	308°, 59%, 65%
XYZ	23.8972, 14.8048, 32.1699
YIQ	107.9920, 31.1230, 47.2110

Conversions

Conversions Part 2

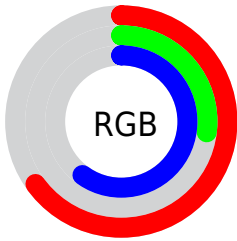
Format	Color
RYB	167, 69, 154
Decimal	10962330
CIELab	45.37, 51.07, -27.40
CIELCh	45, 57.958, 331.782
Yxy	14.8048, 0.3372, 0.2089
Android (android.graphics.Color)	4289152410 (0xFFA7459A)
YUV	107.9920, 22.6819, 51.7500
Hunter-Lab	38.4770, 43.5274, -22.6373

Details

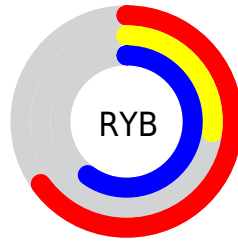
The YUV color **107.9920, 22.6819, 51.7500** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **128.0080, -22.6819, -51.7500**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4160, 22.9659, 54.0092**, and **48.1650, 27.0337, 55.9833** is the 20% darker color. If you saturate the color by 10%, you get **97.7850, 26.7280, 60.7016**, and if you desaturate by 10%, it is **118.1990, 18.6359, 42.7985**.

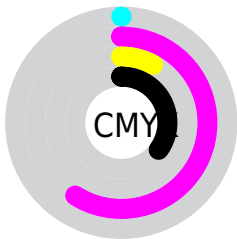
Distribution



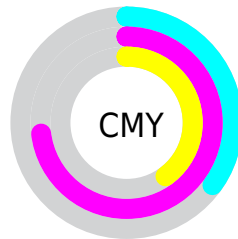
- Red (65%)
- Green (27%)
- Blue (60%)



- Red (65%)
- Yellow (27%)
- Blue (60%)



- Cyan (0%)
- Magenta (59%)
- Yellow (8%)
- Black (35%)



- Cyan (35%)
- Magenta (73%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.9920, 22.6819, 51.7500 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 107.9920, 22.6819, 51.7500 by changing the saturation by 10% instead.

107.9920, 22.6819,
51.7500

107.9920, 22.6819,
51.7500

255.0000, 0.0000,
0.0000

80.2200, 23.5555,
51.5501

162.4160, 22.9659,
54.0092

48.1650, 27.0337,
55.9833

191.0140, 22.6711,
55.2387

34.6060, 21.3932,
45.0725

209.2140, 22.5725,
40.1543

24.2100, 15.1795,
31.3878

226.2370, 14.1802,
25.2252

14.5260, 9.1077,
18.8327

243.2600, 5.7878,
10.2960

0.5700, 2.1840,
-0.4999

0.0000, 0.0000,

0.0000

■ 107.9920, 22.6819,
51.7500

■ 107.9920, 22.6819,
51.7500

■ 97.7850, 26.7280,
60.7016

■ 118.1990, 18.6359,
42.7985

■ 88.1650, 30.4847,
69.1383

■ 127.8190, 14.8792,
34.3617

■ 77.8440, 34.0939,
78.1898

■ 138.1400, 11.2700,
25.3102

■ 67.6370, 38.1400,
87.1414

■ 148.3470, 7.2239,
16.3587

■ 66.4630, 38.7187,
88.1709

■ 157.9670, 3.4673,
7.9219

■ 168.1740, -0.5788,
-1.0296

■ 178.4950, -4.1880,
-10.0811

■ 188.7020, -8.2341,
-19.0327

■ 198.3220,
-11.9907, -27.4694

Harmonies

Analogous

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



108.8420, 40.0109, 0.1386



107.9920, 22.6819, 51.7500



101.0050, 2.9555, 78.9256

Triad

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



107.9920, 22.6819, 51.7500



100.1950, -49.3961, 23.5080



93.6210, 31.2458, -82.1056

Complementary

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



107.9920, 22.6819, 51.7500



128.0080, -22.6819, -51.7500

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.



88.1490, 10.2795, -77.3067



107.9920, 22.6819, 51.7500



93.6310, -44.1881, -13.7084

Square

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



107.9920, 22.6819, 51.7500



101.8860, -43.8208, 55.3510



80.6880, -10.6922, -70.7634



94.7900, 48.4175, -83.1308

Rectangle

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



107.9920, 22.6819, 51.7500



100.5910, -12.6164, 80.1657



80.6880, -10.6922, -70.7634



91.9110, 24.6939, -80.6059

Sweetspot

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



107.9920, 22.6819, 51.7500



193.5370, 9.1023, 20.5771



83.4610, 41.1847, -3.0353



95.4560, 5.1982, 12.7551



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



107.9920, 22.6819, 51.7500



125.4960, 35.2515, 80.2490



102.6340, 2.1524, 56.4490



79.1900, 1.8783, 4.2184



58.8440, 34.0939, 78.1898



8.0320, 4.9142, 10.4959

Inverse Universe

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



107.9920, 22.6819, 51.7500



125.4960, 35.2515, 80.2490



133.3660, -2.1524, -56.4490



79.1900, 1.8783, 4.2184



58.8440, 34.0939, 78.1898



8.0320, 4.9142, 10.4959

Previews

White Background



This preview shows how the YUV color 107.9920, 22.6819, 51.7500 looks on a white background.

Color Contrast Check

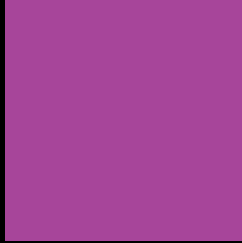
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.9920, 22.6819, 51.7500 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 107.9920, 22.6819, 51.7500

Background



This preview shows how black text looks on a background with the YUV color 107.9920, 22.6819, 51.7500.



This preview shows how white text looks on a background with the YUV color 107.9920, 22.6819,

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

107.9920, 22.6819, 51.7500

Protanopia

104.8510, 39.5135, -27.0563

Deuteranopia

108.3850, 19.5302, -10.8616



Tritanopia

108.1090, -8.4347, 45.5084

Trichromacy



Original Color

107.9920, 22.6819, 51.7500

Protanomaly

106.1320, 33.4589, 1.6382

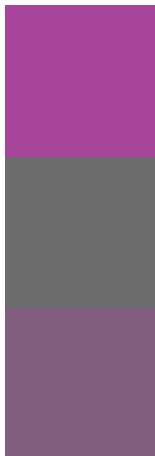
Deuteranomaly

108.1690, 20.6227, 12.1298

Tritanomaly

108.1060, 2.9057, 48.1420

Monochromacy



Original Color

107.9920, 22.6819, 51.7500

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.9990, 8.3815, 18.4179

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.9920, 22.6819, 51.7500 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(167, 69, 154)` looks like.

```
.text, #text, p{  
    color:rgb(167, 69, 154)  
}
```

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(167, 69, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 69, 154) }
```

Border

The CSS property to change the border of an element to YUV 107.9920, 22.6819, 51.7500 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(167, 69, 154) }
```


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

```
.border{ border-color:rgb(167, 69, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 69, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 69, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 69, 154);  
box-shadow:4px 4px 4px 4px rgb(167, 69,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 107.9920, 22.6819, 51.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 69, 154) }
```

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

```
.background{ background-color: rgb(167, 69,  
154) }
```

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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