

Converting Colors

YUV(118.5770, 21.9005,
22.2960)

Have a look what the booklet for
YUV(118.5770, 21.9005, 22.2960)
contains.

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Color

**YUV(118.5770, 21.9005,
22.2960)**

Conversions

Conversions Part 1

Format	Color
Hex	9061A3
RGB	144, 97, 163
RGB Percent	56%, 38%, 64%
CMY	0.4353, 0.6196, 0.3608
CMYK	0.12, 0.40, 0.00, 0.36
HSL	283°, 26%, 51%
HSV	283°, 40%, 64%
XYZ	22.3872, 17.1230, 36.7755
YIQ	118.5770, 6.8260, 30.4900

Conversions

Conversions Part 2

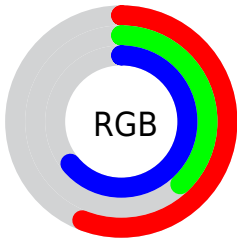
Format	Color
R_{YB}	144, 97, 163
Decimal	9462179
CIE Lab	48.41, 31.14, -28.22
CIE LCh	48, 42.023, 317.810
Yxy	17.1230, 0.2935, 0.2245
Android (android.graphics.Color)	4287652259 (0xFF9061A3)
YUV	118.5770, 21.9005, 22.2960
Hunter-Lab	41.3800, 24.1561, -23.7266

Details

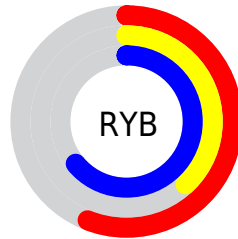
The YUV color **118.5770, 21.9005, 22.2960** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **141.4230, -21.9005, -22.2960**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8160, 22.7687, 23.8404**, and **68.9250, 20.7430, 20.2368** is the 20% darker color. If you saturate the color by 10%, you get **107.6900, 27.2678, 27.4589**, and if you desaturate by 10%, it is **129.4640, 16.5332, 17.1331**.

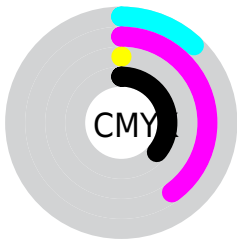
Distribution



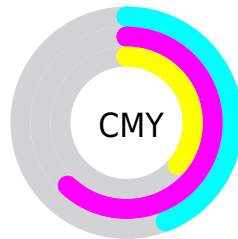
- Red (56%)
- Green (38%)
- Blue (64%)



- Red (56%)
- Yellow (38%)
- Blue (64%)



- Cyan (12%)
- Magenta (40%)
- Yellow (0%)
- Black (36%)



- Cyan (44%)
- Magenta (62%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.5770, 21.9005, 22.2960 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 118.5770, 21.9005, 22.2960 by changing the saturation by 10% instead.

■ 118.5770, 21.9005,
22.2960

■ 118.5770, 21.9005,
22.2960

■ 255.0000, 0.0000,
0.0000

■ 93.7510, 21.3218,
21.2664

■ 171.8160, 22.7687,
23.8404

■ 68.9250, 20.7430,
20.2368

■ 198.7560, 23.7843,
24.7700

■ 45.0990, 20.1642,
19.2072

■ 224.4760, 15.0483,
26.7695

■ 21.8000, 20.3116,
18.5924

■ 240.9120, 6.9454,
12.3552

■ 11.8500, 14.3709,
10.6555

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,

0.0000

■ 118.5770, 21.9005,
22.2960

■ 118.5770, 21.9005,
22.2960

■ 107.6900, 27.2678,
27.4589

■ 129.4640, 16.5332,
17.1331

■ 96.5150, 32.7771,
33.7513

■ 140.6390, 11.0240,
10.8406

■ 85.6280, 38.1444,
38.9142

■ 151.5260, 5.6567,
5.6777

■ 74.7410, 43.5117,
44.0771

■ 162.4130, 0.2894,
0.5148

■ 64.1530, 48.7316,
49.8548

■ 173.5880, -5.2199,
-5.7777

■ 53.2660, 54.0989,
55.0177

■ 184.4750,
-10.5872, -10.9406

■ 195.3620,
-15.9545, -16.1035

■ 206.2490,
-21.3218, -21.2664

■ 217.4240,
-26.8310, -27.5588

Harmonies

Analogous

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



113.5270, 34.2502, -18.8792



118.5770, 21.9005, 22.2960



117.1430, 6.8315, 48.9866

Triad

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



118.5770, 21.9005, 22.2960



112.2510, -34.1407, 30.4749



93.5750, 20.9155, -82.0653

Complementary

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



118.5770, 21.9005, 22.2960



141.4230, -21.9005, -22.2960

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.



88.7700, 5.0434, -77.8513



118.5770, 21.9005, 22.2960



109.7270, -32.8964, 4.6244

Square

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



118.5770, 21.9005, 22.2960



114.1900, -24.7437, 49.8224



103.7860, -19.1215, -26.9993



95.3480, 35.3244, -83.6202

Rectangle

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



118.5770, 21.9005, 22.2960



115.6250, -4.2521, 57.3339



103.7860, -19.1215, -26.9993



92.0930, 15.2372, -80.7656

Sweetspot

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



118.5770, 21.9005, 22.2960



194.3460, 8.7034, 8.4666



116.2640, 23.0408, -16.8945



96.9990, 4.9305, 5.2629



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



118.5770, 21.9005, 22.2960



141.9820, 34.5189, 35.0958



122.7760, 13.4214, 35.2764



75.8200, 3.0467, 2.7889



47.6260, 48.0054, 49.4400



5.9390, 5.9461, 6.1925

Inverse Universe

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



118.9000, -1.4297, 38.6757



142.5160, -2.2264, 60.9375



137.2240, -13.4214, -35.2764



76.0330, -0.0163, 5.2331



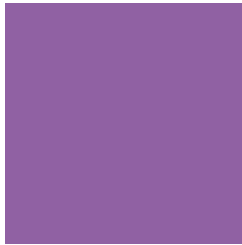
48.1430, -3.0285, 84.9436



5.9520, -0.4693, 10.5661

Previews

White Background



This preview shows how the YUV color 118.5770, 21.9005, 22.2960 looks on a white background.

Color Contrast Check

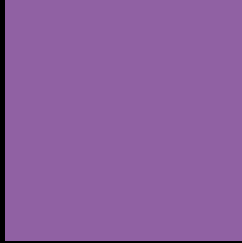
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.5770, 21.9005, 22.2960 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 118.5770, 21.9005, 22.2960 Background



This preview shows how black text looks on a background with the YUV color 118.5770, 21.9005, 22.2960.



This preview shows how white text looks on a background with the YUV color 118.5770, 21.9005,

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

118.5770, 21.9005, 22.2960

Protanopia

114.2020, 30.4664, -18.5942

Deuteranopia

115.3570, 22.0090, -12.5911



Tritanopia

116.9960, -0.4910, 17.5435

Trichromacy



Original Color

118.5770, 21.9005, 22.2960

Protanomaly

115.7910, 27.2180, -3.3247

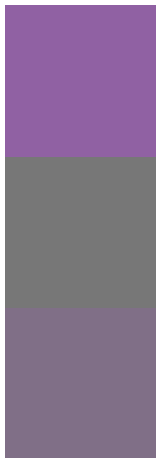
Deuteranomaly

116.7330, 21.8236, 0.2342

Tritanomaly

117.4830, 7.6499, 19.7474

Monochromacy



Original Color

118.5770, 21.9005, 22.2960

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8190, 7.9772, 8.0517

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.5770, 21.9005, 22.2960 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, 97, 163)` looks like.

```
.text, #text, p{  
    color:rgb(144, 97, 163)  
}
```

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, 97, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 97, 163) }
```

Border

The CSS property to change the border of an element to YUV 118.5770, 21.9005, 22.2960 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, 97, 163) }
```


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

```
.border{ border-color:rgb(144, 97, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 97, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 97, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 97, 163);  
box-shadow:4px 4px 4px 4px rgb(144, 97,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 118.5770, 21.9005, 22.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 97, 163) }
```

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

```
.background{ background-color: rgb(144, 97,  
163) }
```

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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