

Converting Colors

YUV(61.0970, 9.8122, 26.2249)

Have a look what the booklet for
YUV(61.0970, 9.8122, 26.2249)
contains.

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Color

**YUV(61.0970, 9.8122,
26.2249)**

Conversions

Conversions Part 1

Format	Color
Hex	5B2A51
RGB	91, 42, 81
RGB Percent	36%, 16%, 32%
CMY	0.6431, 0.8353, 0.6824
CMYK	0.00, 0.54, 0.11, 0.64
HSL	312°, 37%, 26%
HSV	312°, 54%, 36%
XYZ	6.6276, 4.4742, 8.2989
YIQ	61.0970, 16.6850, 22.5170

Conversions

Conversions Part 2

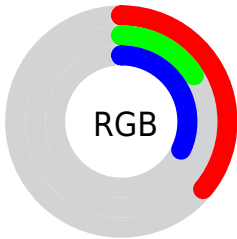
Format	Color
R_{YB}	91, 42, 81
Decimal	5974609
CIE Lab	25.18, 28.29, -13.80
CIE LCh	25, 31.479, 334.007
Yxy	4.4742, 0.3416, 0.2306
Android (android.graphics.Color)	4284164689 (0xFF5B2A51)
YUV	61.0970, 9.8122, 26.2249
Hunter-Lab	21.1522, 18.9125, -8.4553

Details

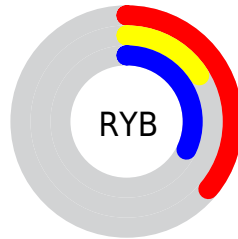
The YUV color **61.0970, 9.8122, 26.2249** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **71.9030, -9.8122, -26.2249**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.4070, 9.6593, 28.5841**, and **17.2600, 9.2388, 23.4510** is the 20% darker color. If you saturate the color by 10%, you get **55.5860, 11.5431, 31.0581**, and if you desaturate by 10%, it is **66.6080, 8.0813, 21.3918**.

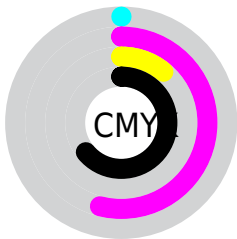
Distribution



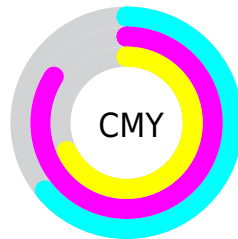
- Red (36%)
- Green (16%)
- Blue (32%)



- Red (36%)
- Yellow (16%)
- Blue (32%)



- Cyan (0%)
- Magenta (54%)
- Yellow (11%)
- Black (64%)



- Cyan (64%)
- Magenta (84%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.0970, 9.8122, 26.2249 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 61.0970, 9.8122, 26.2249 by changing the saturation by 10% instead.

61.0970, 9.8122,
26.2249

61.0970, 9.8122,
26.2249

255.0000, 0.0000,
0.0000

37.7980, 9.9596,
25.6102

110.4070, 9.6593,
28.5841

17.2600, 9.2388,
23.4510

136.2330, 10.2381,
29.6137

5.3690, 3.7621,
6.6924

162.5320, 10.0907,
30.2284

0.0000, 0.0000,
0.0000

189.6570, 10.5221,
31.8728

217.6570, 10.5221,
31.8728

236.2160, 9.2605,

16.4736

253.2390, 0.8682,
1.5444

61.0970, 9.8122,
26.2249

61.0970, 9.8122,
26.2249

55.5860, 11.5431,
31.0581

66.6080, 8.0813,
21.3918

50.0750, 13.2740,
35.8912

72.1190, 6.3503,
16.5586

44.5640, 15.0049,
40.7244

77.6300, 4.6194,
11.7255

39.1670, 17.1727,
45.4575

83.0270, 2.4517,
6.9923

35.4170, 18.0354,
48.7463

89.1250, 0.4314,
1.6444

■ 94.6360, -1.2995,
-3.1888

■ 100.1470, -3.0305,
-8.0219

■ 105.6580, -4.7614,
-12.8551

■ 111.1690, -6.4923,
-17.6882

Harmonies

Analogous

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



61.2450, 18.6132, 3.2931



61.0970, 9.8122, 26.2249



58.7150, -0.8455, 37.9609

Triad

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



61.0970, 9.8122, 26.2249



56.6490, -24.4770, 10.8318



51.4810, 17.0179, -45.1488

Complementary

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



61.0970, 9.8122, 26.2249



71.9030, -9.8122, -26.2249

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.



48.7450, 6.5347, -42.7494



61.0970, 9.8122, 26.2249



54.1350, -18.3076, -8.0114

Square

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



61.0970, 9.8122, 26.2249



58.0730, -20.7420, 26.2460



45.7210, -3.8065, -39.2203



51.5440, 24.8748, -45.2041

Rectangle

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



61.0970, 9.8122, 26.2249



58.1790, -7.9762, 38.4310



45.7210, -3.8065, -39.2203



50.5690, 13.5235, -44.3490

Sweetspot

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



61.0970, 9.8122, 26.2249



105.9780, 3.4618, 9.6663



50.5760, 19.9290, 1.2488



52.2010, 1.8729, 5.9627



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



61.0970, 9.8122, 26.2249



70.6780, 15.4417, 40.6244



58.3610, -0.6710, 28.6244



42.9510, 1.0102, 2.6740



42.8080, 21.7867, 58.9274



92.4090, 47.6194, 126.8063

Inverse Universe

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



61.0970, 9.8122, 26.2249



70.6780, 15.4417, 40.6244



74.6390, 0.6710, -28.6244



42.9510, 1.0102, 2.6740



42.8080, 21.7867, 58.9274



92.4090, 47.6194, 126.8063

Previews

White Background



This preview shows how the YUV color 61.0970, 9.8122, 26.2249 looks on a white background.

Color Contrast Check

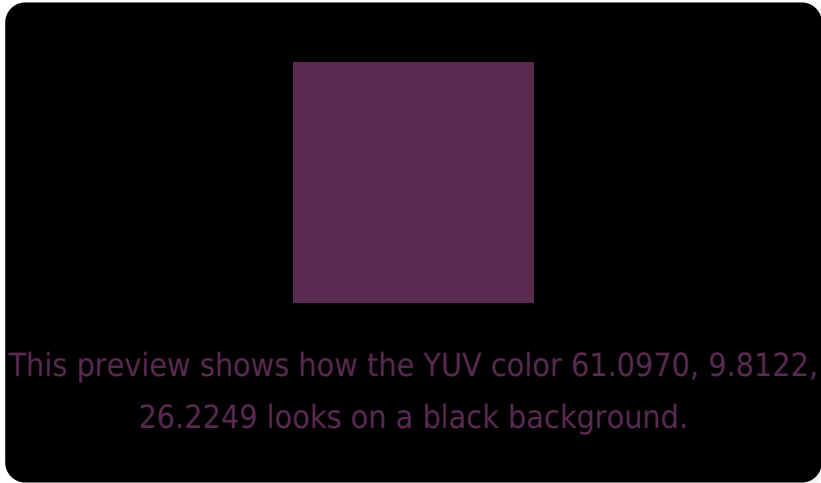
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

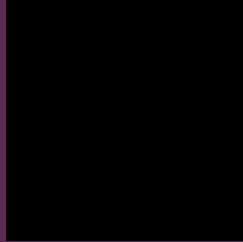
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.0970, 9.8122, 26.2249

Background



This preview shows how black text looks on a background with the YUV color 61.0970, 9.8122, 26.2249.



This preview shows how white text looks on a background with the YUV color 61.0970, 9.8122,

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

61.0970, 9.8122, 26.2249

Protanopia

59.5160, 17.4936, -10.9765

Deuteranopia

60.5680, 8.5940, -3.1291



Tritanopia

61.0030, -4.4385, 23.6764

Trichromacy



Original Color

61.0970, 9.8122, 26.2249

Protanomaly

60.2080, 14.6875, 2.4486

Deuteranomaly

60.7480, 8.9982, 7.2370

Tritanomaly

60.7950, 1.0871, 24.7358

Monochromacy



Original Color

61.0970, 9.8122, 26.2249

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.9780, 3.4618, 9.6663

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.0970, 9.8122, 26.2249 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(91, 42, 81)` looks like.

```
.text, #text, p{  
    color:rgb(91, 42, 81)  
}
```

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(91, 42, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 42, 81) }
```

Border

The CSS property to change the border of an element to YUV 61.0970, 9.8122, 26.2249 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(91, 42, 81) }
```


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

```
.border{ border-color:rgb(91, 42, 81) }
```

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

Here you see how a box with a 4 pixel rgb(91, 42, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 42, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 42, 81);  
box-shadow:4px 4px 4px 4px rgb(91, 42, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.0970, 9.8122, 26.2249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 42, 81) }
```

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

```
.background{ background-color: rgb(91, 42,  
81) }
```

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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