

Converting Colors

YUV(49.9820, 7.8969, 80.6998)

Have a look what the booklet for
YUV(49.9820, 7.8969, 80.6998)
contains.

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Color

**YUV(49.9820, 7.8969,
80.6998)**

Conversions

Conversions Part 1

Format	Color
Hex	8E0042
RGB	142, 0, 66
RGB Percent	56%, 0%, 26%
CMY	0.4431, 1.0000, 0.7412
CMYK	0.00, 1.00, 0.54, 0.44
HSL	332°, 100%, 28%
HSV	332°, 100%, 56%
XYZ	12.1387, 6.1441, 5.7004
YIQ	49.9820, 63.4460, 50.6300

Conversions

Conversions Part 2

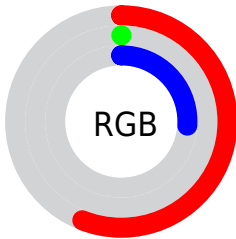
Format	Color
R_{YB}	142, 0, 66
Decimal	9306178
CIE _{Lab}	29.77, 54.50, 4.10
CIE _{LCh}	30, 54.651, 4.303
Yxy	6.1441, 0.5061, 0.2562
Android (android.graphics.Color)	4287496258 (0xFF8E0042)
YUV	49.9820, 7.8969, 80.6998
Hunter-Lab	24.7874, 44.0359, 3.7161

Details

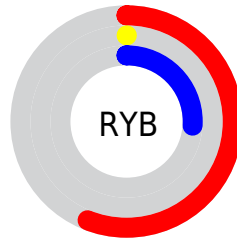
The YUV color **49.9820, 7.8969, 80.6998** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **92.0180, -7.8969, -80.6998**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.3590, -0.6700, 75.1072**, and **28.1510, -2.0464, 49.8566** is the 20% darker color. If you saturate the color by 10%, you get **49.9820, 7.8969, 80.6998**, and if you desaturate by 10%, it is **59.1120, 7.3398, 72.6928**.

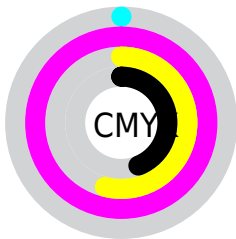
Distribution



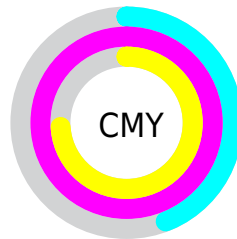
- Red (56%)
- Green (0%)
- Blue (26%)



- Red (56%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (44%)





- Cyan (44%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YUV color 49.9820, 7.8969, 80.6998 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 49.9820, 7.8969, 80.6998 by changing the saturation by 10% instead.


 49.9820, 7.8969,
80.6998


 49.9820, 7.8969,
80.6998


255.0000, 0.0000,
0.0000


 38.8030, 2.5621,
65.0708


 115.3590, -0.6700,
75.1072


 28.1510, -2.0464,
49.8566


 143.6150, -2.2752,
76.6366


 18.2820, -7.5340,
36.5867

 169.6040, -2.2698,
74.8923

 6.5780, -3.2430,
13.5251

 189.1180, 1.4208,
57.7785

 0.0000, 0.0000,
0.0000

 208.7460, 5.5482,
40.5648

 229.0750, 9.8230,

22.7362

246.7820, 4.0515,
7.2072

49.9820, 7.8969,
80.6998

59.1120, 7.3398,
72.6928

68.1280, 6.3459,
64.7857

77.8450, 5.4994,
56.2639

86.8610, 4.5055,
48.3569

95.9910, 3.9484,
40.3499

■ 105.1210, 3.3913,
32.3429

■ 114.1370, 2.3975,
24.4359

■ 123.8540, 1.5510,
15.9140

■ 132.8700, 0.5571,
8.0070

Harmonies

Analogous

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



65.2370, 21.0822, 51.5352



49.9820, 7.8969, 80.6998



59.6620, -17.0884, 67.8254

Triad

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



49.9820, 7.8969, 80.6998



58.0120, -28.5999, -20.1815



66.0660, 39.9005, -57.9399

Complementary

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



49.9820, 7.8969, 80.6998



92.0180, -7.8969, -80.6998

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.



64.9940, 25.6390, -56.9997



49.9820, 7.8969, 80.6998



53.9020, -11.7837, -47.2721

Square

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



49.9820, 7.8969, 80.6998



65.8960, -32.4867, 13.2462



60.2060, 7.2934, -52.8007



61.2220, 46.7256, -53.6917

Rectangle

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



49.9820, 7.8969, 80.6998



63.1920, -31.1537, 52.4516



60.2060, 7.2934, -52.8007



66.3280, 35.8273, -58.1697

Sweetspot

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



49.9820, 7.8969, 80.6998



148.2950, 2.8126, 31.3133



38.9120, 50.8224, 32.5262



70.5770, 1.6875, 18.7880



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



49.9820, 7.8969, 80.6998



64.7060, 10.0049, 104.6208



45.3930, -22.3787, 84.7243



66.5490, 0.7153, 3.9035



47.5470, 7.6183, 76.6963



2.8480, 0.5679, 4.5183

Inverse Universe

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



49.9820, 7.8969, 80.6998



64.7060, 10.0049, 104.6208



96.6070, 22.3787, -84.7243



66.5490, 0.7153, 3.9035



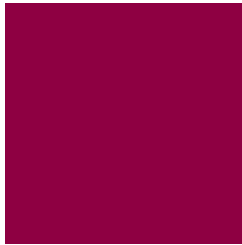
47.5470, 7.6183, 76.6963



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 49.9820, 7.8969, 80.6998 looks on a white background.

Color Contrast Check

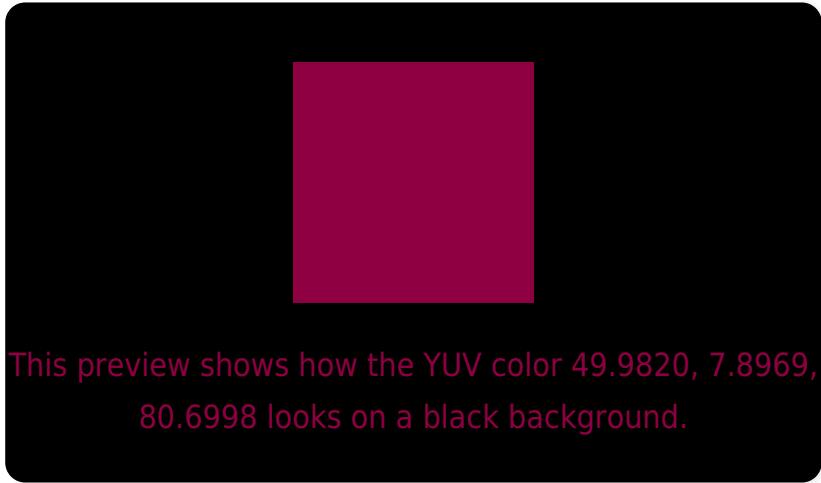
Large Text (above 18pt) WCAG AA ✓ Pass

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

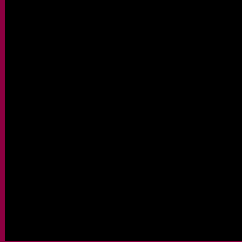
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.9820, 7.8969, 80.6998

Background



This preview shows how black text looks on a background with the YUV color 49.9820, 7.8969, 80.6998.



This preview shows how white text looks on a background with the YUV color 49.9820, 7.8969, 80.6998.

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

49.9820, 7.8969, 80.6998

Protanopia

73.8280, 10.9308, -5.9882

Deuteranopia

73.9320, -6.8685, 9.7066



Tritanopia

60.0860, -16.8044, 70.0846

Trichromacy



Original Color

49.9820, 7.8969, 80.6998

Protanomaly

64.7980, 9.9596, 25.6102

Deuteranomaly

65.1770, -1.5663, 35.8018

Tritanomaly

56.8120, -7.7953, 73.8329

Monochromacy



Original Color

49.9820, 7.8969, 80.6998

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.9850, 2.9654, 28.9542

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.9820, 7.8969, 80.6998 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(142, 0, 66)` looks like.

```
.text, #text, p{  
    color:rgb(142, 0, 66)  
}
```

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(142, 0, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 0, 66) }
```

Border

The CSS property to change the border of an element to YUV 49.9820, 7.8969, 80.6998 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(142, 0, 66) }
```


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

```
.border{ border-color:rgb(142, 0, 66) }
```

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

Here you see how a box with a 4 pixel rgb(142, 0, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 0, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 0, 66);  
box-shadow:4px 4px 4px 4px rgb(142, 0, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.9820, 7.8969, 80.6998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 0, 66) }
```

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

```
.background{ background-color: rgb(142, 0,  
66) }
```

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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