

# Converting Colors

YUV(61.4920, 31.3094, 84.6375)

Have a look what the booklet for  
YUV(61.4920, 31.3094, 84.6375)  
contains.

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# Color

**YUV(61.4920, 31.3094,  
84.6375)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E007D
RGB	158, 0, 125
RGB Percent	62%, 0%, 49%
CMY	0.3804, 1.0000, 0.5098
CMYK	0.00, 1.00, 0.21, 0.38
HSL	313°, 100%, 31%
HSV	313°, 100%, 62%
XYZ	17.8022, 8.7498, 20.1526
YIQ	61.4920, 54.0430, 72.3710

# Conversions

## Conversions Part 2

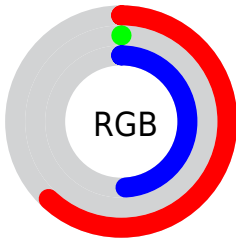
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 0, 125
Decimal	10354813
CIELab	35.50, 64.10, -25.19
CIELCh	35, 68.873, 338.548
Yxy	8.7498, 0.3812, 0.1873
Android (android.graphics.Color)	4288544893 (0xFF9E007D)
YUV	61.4920, 31.3094, 84.6375
Hunter-Lab	29.5800, 55.6622, -19.6878

# Details

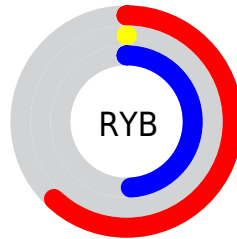
The YUV color **61.4920, 31.3094, 84.6375** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **96.5080, -31.3094, -84.6375**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.2490, 23.0482, 74.3266**, and **39.1620, 18.1611, 55.1089** is the 20% darker color. If you saturate the color by 10%, you get **61.4920, 31.3094, 84.6375**, and if you desaturate by 10%, it is **71.2260, 27.9896, 76.1008**.

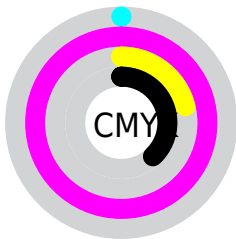
# Distribution



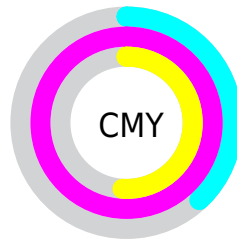
- Red (62%)
- Green (0%)
- Blue (49%)



- Red (62%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (21%)
- Black (38%)



- Cyan (38%)
- Magenta (100%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 61.4920, 31.3094, 84.6375 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 61.4920, 31.3094, 84.6375 by changing the saturation by 10% instead.



61.4920, 31.3094,  
84.6375

61.4920, 31.3094,  
84.6375

255.0000, 0.0000,  
0.0000

50.2700, 24.5169,  
69.9232

131.2490, 23.0482,  
74.3266

39.1620, 18.1611,  
55.1089

159.8470, 22.7534,  
75.5562

28.1680, 12.2422,  
40.1947

182.7530, 25.2648,  
63.3606

17.8860, 6.4652,  
26.4100

201.5830, 26.3346,  
46.8467

1.3100, -0.1528,  
2.3591

218.6060, 17.9422,  
31.9175

0.0000, 0.0000,  
0.0000

235.6290, 9.5499,

16.9884

253.2390, 0.8682,  
1.5444

61.4920, 31.3094,  
84.6375

71.2260, 27.9896,  
76.1008

81.0740, 25.1065,  
67.4641

90.2210, 22.0760,  
59.4422

99.9550, 18.7562,  
50.9055

109.6890, 15.4363,  
42.3687

■ 119.5370, 12.5533,  
33.7321

■ 129.2710, 9.2334,  
25.1953

■ 138.4180, 6.2029,  
17.1734

■ 148.2660, 3.3199,  
8.5367

# Harmonies

## Analogous

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



84.0270, 42.8777, 14.0083



61.4920, 31.3094, 84.6375



60.7180, 5.0690, 101.1023

# Triad

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



61.4920, 31.3094, 84.6375



77.6800, -38.2962, 9.9276



78.9630, 36.0072, -69.2506

# Complementary

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



61.4920, 31.3094, 84.6375



96.5080, -31.3094, -84.6375

# 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.



73.3940, 12.1308, -64.3665



61.4920, 31.3094, 84.6375



61.7120, -30.4240, -41.8434

# Square

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



61.4920, 31.3094, 84.6375



78.2210, -38.5630, 48.9182



65.0210, -12.3354, -57.0234



80.0180, 52.7421, -70.1758



# Rectangle

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



61.4920, 31.3094, 84.6375



55.1190, -9.9187, 101.6276



65.0210, -12.3354, -57.0234



77.6120, 28.2923, -68.0657

# Sweetspot

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



61.4920, 31.3094, 84.6375



169.1240, 12.2639, 33.2173



27.5800, 64.2971, 3.8763



81.7820, 7.5025, 20.3622



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



61.4920, 31.3094, 84.6375



80.4750, 40.6848, 110.9624



52.6000, -2.7608, 92.4358



74.0760, 1.4415, 4.3183



55.6390, 28.2790, 76.6156



5.8530, 3.0305, 8.0219



# Inverse Universe

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



61.4920, 31.3094, 84.6375



80.4750, 40.6848, 110.9624



105.4000, 2.7608, -92.4358



74.0760, 1.4415, 4.3183



55.6390, 28.2790, 76.6156



5.8530, 3.0305, 8.0219



# Previews

## White Background



This preview shows how the YUV color 61.4920, 31.3094, 84.6375 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

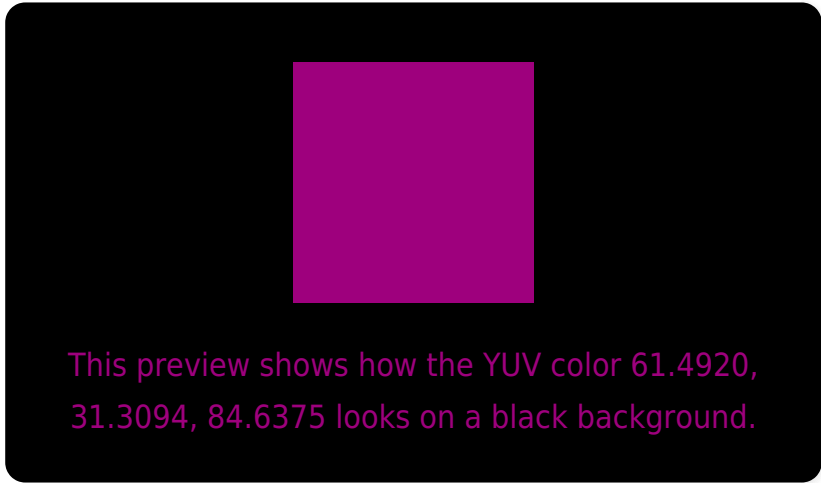
Any Text WCAG AA ✓ Pass

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

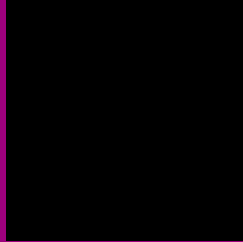
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 61.4920, 31.3094, 84.6375

## Background



This preview shows how black text looks on a background with the YUV color 61.4920, 31.3094, 84.6375.



This preview shows how white text looks on a background with the YUV color 61.4920, 31.3094,



# 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



### Protanopia

70.3940, 52.5568, -57.3505

### Deuteranopia

86.2560, 15.1568, -8.1175

### Tritanopia

80.1390, -13.8725, 63.0221

# Trichromacy



## Protanomaly

67.3620, 44.6845, -5.5795

## Deuteranomaly

77.0720, 21.1635, 25.3699

## Tritanomaly

73.2490, 2.8352, 70.8186

# Monochromacy



## Achromatopsia

61.0000, 0.0000, 0.0000

## Achromatomaly

61.1730, 11.2537, 30.5433

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 61.4920, 31.3094, 84.6375 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(158, 0, 125)` looks like.

```
.text, #text, p{  
    color:rgb(158, 0, 125)  
}
```

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(158, 0, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 0, 125) }
```

## Border

The CSS property to change the border of an element to YUV 61.4920, 31.3094, 84.6375 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(158, 0, 125) }
```

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

```
.border{ border-color:rgb(158, 0, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 0, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 0, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 0, 125);  
box-shadow:4px 4px 4px 4px rgb(158, 0,  
125) }
```



# Background

The CSS property to change the background color of an element to YUV 61.4920, 31.3094, 84.6375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 0, 125) }
```

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

```
.background{ background-color: rgb(158, 0,  
125) }
```

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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