

# Converting Colors

YUV(66.2420, -9.9793, 74.3328)

Have a look what the booklet for  
YUV(66.2420, -9.9793, 74.3328)  
contains.

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# Color

**YUV(66.2420, -9.9793,  
74.3328)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	971B2E
RGB	151, 27, 46
RGB Percent	59%, 11%, 18%
CMY	0.4078, 0.8941, 0.8196
CMYK	0.00, 0.82, 0.70, 0.41
HSL	351°, 70%, 35%
HSV	351°, 82%, 59%
XYZ	13.6476, 7.5604, 3.3248
YIQ	66.2420, 67.8050, 32.1970

# Conversions

## Conversions Part 2

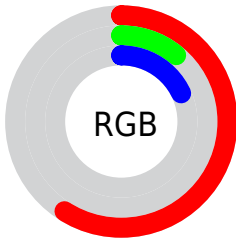
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 27, 46
Decimal	9902894
CIELab	33.05, 50.40, 22.06
CIElCh	33, 55.016, 23.636
Yxy	7.5604, 0.5563, 0.3082
Android (android.graphics.Color)	4288092974 (0xFF971B2E)
YUV	66.2420, -9.9793, 74.3328
Hunter-Lab	27.4962, 40.4789, 12.0782

# Details

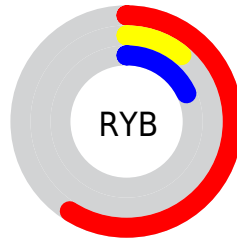
The YUV color **66.2420, -9.9793, 74.3328** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **111.7580, 9.9793, -74.3328**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.4720, -15.5157, 76.7621**, and **27.8070, -13.7089, 57.1743** is the 20% darker color. If you saturate the color by 10%, you get **55.9550, -11.3168, 83.3545**, and if you desaturate by 10%, it is **76.5290, -8.6418, 65.3111**.

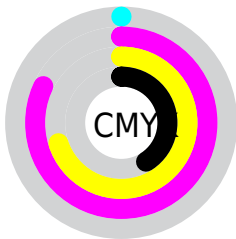
# Distribution



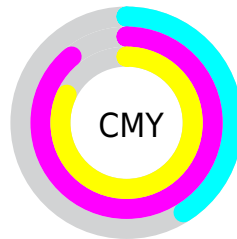
- Red (59%)
- Green (11%)
- Blue (18%)



- Red (59%)
- Yellow (11%)
- Blue (18%)



- Cyan (0%)
- Magenta (82%)
- Yellow (70%)
- Black (41%)



- Cyan (41%)
- Magenta (89%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 66.2420, -9.9793, 74.3328 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 66.2420, -9.9793, 74.3328 by changing the saturation by 10% instead.



66.2420, -9.9793,  
74.3328

66.2420, -9.9793,  
74.3328

255.0000, 0.0000,  
0.0000

39.0290, -6.9163,  
71.8886

123.4720,  
-15.5157, 76.7621

27.8070, -13.7089,  
57.1743

151.3260,  
-17.4157, 79.5211

19.5490, -9.1447,  
39.8605

174.0260,  
-15.7888, 71.0142

10.2800, -4.5750,  
20.8024

193.4260,  
-12.5350, 54.0004

0.0000, 0.0000,  
0.0000

212.9400, -8.8444,  
36.8866

233.1550, -5.0064,

19.1581

253.4840, -0.7316,  
1.3295

■ 66.2420, -9.9793,  
74.3328

■ 66.2420, -9.9793,  
74.3328

■ 55.9550, -11.3168,  
83.3545

■ 76.5290, -8.6418,  
65.3111

■ 47.7710, -12.2121,  
90.5318

■ 86.8160, -7.3043,  
56.2894

■ 96.9890, -6.4036,  
47.3676

■ 107.2760, -5.0661,  
38.3459

■ 118.1500, -4.0180,  
28.8094

■ 128.4370, -2.6804,  
19.7878

■ 138.7240, -1.3429,  
10.7661

■ 148.8970, -0.4422,  
1.8443

■ 159.1840, 0.8953,  
-7.1774

# Harmonies

## Analogous

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



66.1380, 11.2710, 71.7930



66.2420, -9.9793, 74.3328



71.1770, -35.0903, 55.0958

# Triad

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



66.2420, -9.9793, 74.3328



56.1700, -18.3248, -49.2611



69.2920, 47.1840, -60.7691

# Complementary

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



66.2420, -9.9793, 74.3328



111.7580, 9.9793, -74.3328

# 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.



72.0500, 37.4434, -63.1878



66.2420, -9.9793, 74.3328



63.9900, 1.4839, -56.1192

# Square

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



66.2420, -9.9793, 74.3328



69.0200, -34.0269, -6.1565



69.1200, 21.1398, -60.6182



73.7530, 41.5338, -21.7084



# Rectangle

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



66.2420, -9.9793, 74.3328



73.7140, -36.3410, 36.2078



69.1200, 21.1398, -60.6182



70.7110, 45.0055, -62.0135

# Sweetspot

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



66.2420, -9.9793, 74.3328



162.5630, -3.7286, 29.3242



71.9330, 38.9800, 50.9248



79.1270, -2.5276, 17.4286



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000



# Same Dimension

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



66.2420, -9.9793, 74.3328



63.4260, -15.4930, 116.2674



88.1430, -30.1435, 55.1256



71.5060, -0.7425, 4.8182



44.2540, -11.4642, 83.9692



4.1150, -1.0427, 7.7921



# Inverse Universe

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



66.2420, -9.9793, 74.3328



63.4260, -15.4930, 116.2674



89.8570, 30.1435, -55.1256



71.5060, -0.7425, 4.8182



44.2540, -11.4642, 83.9692



4.1150, -1.0427, 7.7921



# Previews

## White Background



This preview shows how the YUV color 66.2420, -9.9793, 74.3328 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

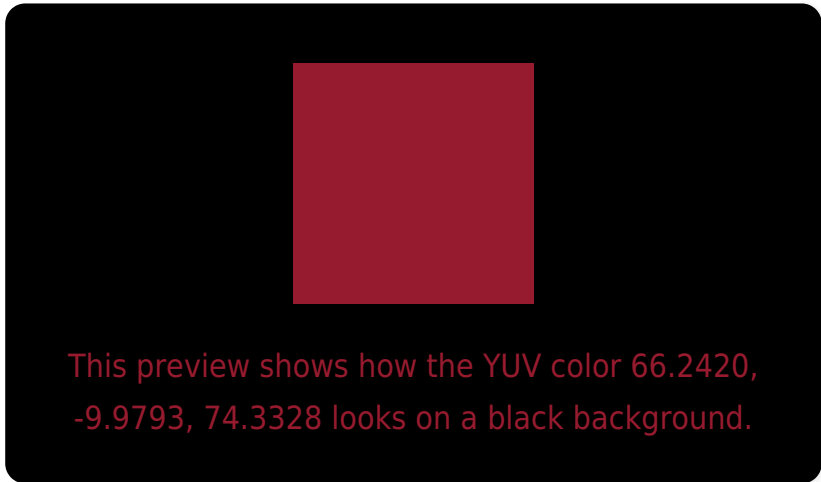
Any Text WCAG AA ✓ Pass

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

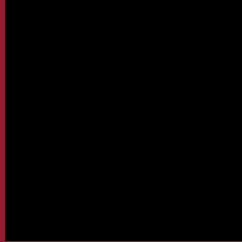
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 66.2420, -9.9793, 74.3328**

## **Background**



This preview shows how black text looks on a background with the YUV color 66.2420, -9.9793, 74.3328.



This preview shows how white text looks on a background with the YUV color 66.2420, -9.9793,



# 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

66.2420, -9.9793, 74.3328

### Protanopia

78.8990, -6.8522, 4.4736

### Deuteranopia

78.3600, -19.4045, 17.2243



## Tritanopia

66.1790, -17.8362, 74.3880

# Trichromacy



## Original Color

66.2420, -9.9793, 74.3328

## Protanomaly

74.1240, -7.9491, 29.7093

## Deuteranomaly

73.8170, -15.6858, 37.8715

## Tritanomaly

66.2760, -14.9261, 74.3029

# Monochromacy



## Original Color

66.2420, -9.9793, 74.3328

## Achromatopsia

66.0000, 0.0000, 0.0000

## Achromatomaly

66.2530, -3.5757, 26.9651

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 66.2420, -9.9793, 74.3328 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(151, 27, 46)` looks like.

```
.text, #text, p{  
    color:rgb(151, 27, 46)  
}
```

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(151, 27, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 27, 46) }
```

## Border

The CSS property to change the border of an element to YUV 66.2420, -9.9793, 74.3328 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(151, 27, 46) }
```



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

```
.border{ border-color:rgb(151, 27, 46) }
```

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

Here you see how a box with a 4 pixel rgb(151, 27, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 27, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 27, 46);  
box-shadow:4px 4px 4px 4px rgb(151, 27,  
46) }
```

# Background

The CSS property to change the background color of an element to YUV 66.2420, -9.9793, 74.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 27, 46) }
```

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

```
.background{ background-color: rgb(151, 27,  
46) }
```

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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