

# Converting Colors

YUV(72.7290, 14.9236, 66.8897)

Have a look what the booklet for  
YUV(72.7290, 14.9236, 66.8897)  
contains.

<b>YUV(72.7290, 14.9236, 66.8897)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(72.7290, 14.9236,  
66.8897)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	951C67
RGB	149, 28, 103
RGB Percent	58%, 11%, 40%
CMY	0.4157, 0.8902, 0.5961
CMYK	0.00, 0.81, 0.31, 0.42
HSL	323°, 68%, 35%
HSV	323°, 81%, 58%
XYZ	15.2579, 8.1993, 13.6104
YIQ	72.7290, 48.0410, 48.9770

# Conversions

## Conversions Part 2

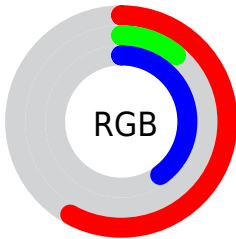
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 28, 103
Decimal	9772135
CIE <sub>Lab</sub>	34.39, 54.52, -13.11
CIE <sub>LCh</sub>	34, 56.077, 346.477
Yxy	8.1993, 0.4116, 0.2212
Android (android.graphics.Color)	4287962215 (0xFF951C67)
YUV	72.7290, 14.9236, 66.8897
Hunter-Lab	28.6345, 45.0032, -8.1373

# Details

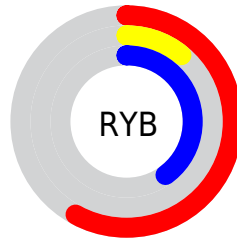
The YUV color **72.7290, 14.9236, 66.8897** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **104.2710, -14.9236, -66.8897**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.5180, 11.5766, 67.0747**, and **34.1910, 10.7518, 51.5755** is the 20% darker color. If you saturate the color by 10%, you get **63.2400, 16.6437, 75.2115**, and if you desaturate by 10%, it is **82.2180, 13.2035, 58.5678**.

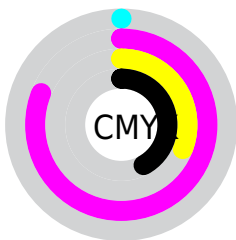
# Distribution



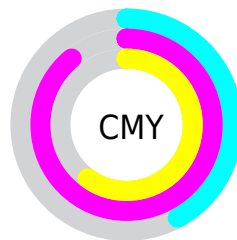
- Red (58%)
- Green (11%)
- Blue (40%)



- Red (58%)
- Yellow (11%)
- Blue (40%)



- Cyan (0%)
- Magenta (81%)
- Yellow (31%)
- Black (42%)




- Cyan (42%)
- Magenta (89%)
- Yellow (60%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 72.7290, 14.9236, 66.8897 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 72.7290, 14.9236, 66.8897 by changing the saturation by 10% instead.





 72.7290, 14.9236,  
66.8897


 72.7290, 14.9236,  
66.8897

255.0000, 0.0000,  
0.0000


 45.1850, 16.6708,  
66.4898


 130.5180, 11.5766,  
67.0747


 34.1910, 10.7518,  
51.5755

 158.1160, 11.2818,  
68.3043


 24.0230, 5.4117,  
37.6908

 183.4250, 12.6085,  
62.7713

 13.6980, -1.8231,  
24.8209

 203.0530, 16.7359,  
45.5575

 0.0000, 0.0000,  
0.0000

 221.5410, 16.4953,  
29.3435

 238.5640, 8.1029,

14.4144

■ 72.7290, 14.9236,  
66.8897

■ 72.7290, 14.9236,  
66.8897

■ 63.2400, 16.6437,  
75.2115

■ 82.2180, 13.2035,  
58.5678

■ 55.0390, 18.2218,  
82.4038

■ 91.5930, 11.0467,  
50.3459

■ 101.0820, 9.3266,  
42.0241

■ 110.5710, 7.6065,  
33.7022

■ 119.9460, 5.4496,  
25.4804

■ 128.8480, 4.0189,  
17.6733

■ 138.3370, 2.2989,  
9.3515

■ 147.7120, 0.1420,  
1.1296

■ 157.2010, -1.5781,  
-7.1923

# Harmonies

## Analogous

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



82.0750, 30.0360, 26.2442



72.7290, 14.9236, 66.8897



68.0560, -4.4646, 78.8809

# Triad

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



72.7290, 14.9236, 66.8897



73.2060, -36.0906, 2.4503



74.6430, 34.6860, -65.4619

# Complementary

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



72.7290, 14.9236, 66.8897



104.2710, -14.9236, -66.8897

# 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.



70.6700, 16.9247, -61.9776



72.7290, 14.9236, 66.8897



58.2430, -25.7558, -45.8171

# Square

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



72.7290, 14.9236, 66.8897



76.9480, -37.9354, 34.2486



64.7250, -3.3154, -56.7638



73.1560, 46.7581, -64.1578



# Rectangle

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



72.7290, 14.9236, 66.8897



72.6360, -21.0195, 68.7252



64.7250, -3.3154, -56.7638



73.2750, 29.4444, -64.2622

# Sweetspot

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



72.7290, 14.9236, 66.8897



164.3590, 5.7390, 25.9952



54.9500, 46.3666, 14.9528



79.3100, 3.2982, 15.5141



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



72.7290, 14.9236, 66.8897



75.4360, 22.9561, 103.9806



66.0030, -10.8475, 72.7884



69.5490, 0.7153, 3.9035



50.9520, 16.7857, 76.3411



3.6740, 1.1467, 5.5479



# Inverse Universe

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



72.7290, 14.9236, 66.8897



75.4360, 22.9561, 103.9806



110.9970, 10.8475, -72.7884



69.5490, 0.7153, 3.9035



50.9520, 16.7857, 76.3411



3.6740, 1.1467, 5.5479



# Previews

## White Background



This preview shows how the YUV color 72.7290, 14.9236, 66.8897 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

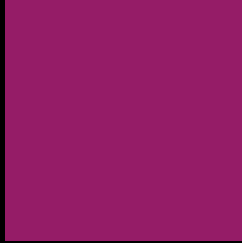
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 72.7290, 14.9236, 66.8897 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

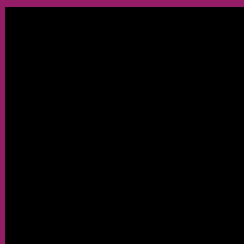
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 72.7290, 14.9236, 66.8897

## Background



This preview shows how black text looks on a background with the YUV color 72.7290, 14.9236, 66.8897.



This preview shows how white text looks on a background with the YUV color 72.7290, 14.9236,



# 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

72.7290, 14.9236, 66.8897

### Protanopia

80.5500, 29.3088, -20.6534

### Deuteranopia

82.8350, 6.9833, 0.1447



## Tritanopia

76.5300, -13.5723, 60.0482

# Trichromacy



## Original Color

72.7290, 14.9236, 66.8897

## Protanomaly

77.7820, 24.2645, 10.7152

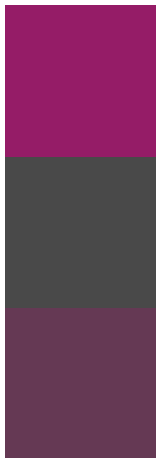
## Deuteranomaly

79.0860, 9.8176, 24.4806

## Tritanomaly

75.0000, -2.9580, 62.2670

# Monochromacy



## Original Color

72.7290, 14.9236, 66.8897

## Achromatopsia

73.0000, 0.0000, 0.0000

## Achromatomaly

73.2340, 5.3076, 24.3508

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 72.7290, 14.9236, 66.8897 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(149, 28, 103)` looks like.

```
.text, #text, p{  
    color:rgb(149, 28, 103)  
}
```

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(149, 28, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 28, 103) }
```

## Border

The CSS property to change the border of an element to YUV 72.7290, 14.9236, 66.8897 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(149, 28, 103) }
```



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

```
.border{ border-color:rgb(149, 28, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 28, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 28, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 28, 103);  
box-shadow:4px 4px 4px 4px rgb(149, 28,  
103) }
```

# Background

The CSS property to change the background color of an element to YUV 72.7290, 14.9236, 66.8897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 28, 103) }
```

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

```
.background{ background-color: rgb(149, 28,  
103) }
```

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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