

# Converting Colors

YUV(74.1200, 1.9128, 86.7178)

Have a look what the booklet for  
YUV(74.1200, 1.9128, 86.7178)  
contains.

<b>YUV(74.1200, 1.9128, 86.7178)</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(74.1200, 1.9128,  
86.7178)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AD174E
RGB	173, 23, 78
RGB Percent	68%, 9%, 31%
CMY	0.3216, 0.9098, 0.6941
CMYK	0.00, 0.87, 0.55, 0.32
HSL	338°, 77%, 38%
HSV	338°, 87%, 68%
XYZ	18.9151, 10.0471, 8.1501
YIQ	74.1200, 71.7450, 48.9050

# Conversions

## Conversions Part 2

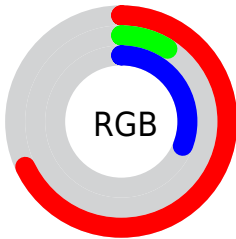
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">173, 23, 78</a>
Decimal	<a href="#">11343694</a>
CIELab	<a href="#">37.93, 59.47, 8.69</a>
CIElCh	<a href="#">38, 60.106, 8.313</a>
Yxy	<a href="#">10.0471, 0.5097, 0.2707</a>
Android (android.graphics.Color)	<a href="#">4289533774</a> ( <a href="#">0xFFAD174E</a> )
YUV	<a href="#">74.1200, 1.9128, 86.7178</a>
Hunter-Lab	<a href="#">31.6971, 51.0491, 6.9432</a>

# Details

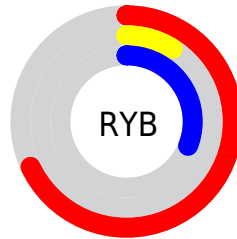
The YUV color **74.1200, 1.9128, 86.7178** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **121.8800, -1.9128, -86.7178**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.1000, -4.4863, 85.8583**, and **37.9620, -1.9533, 66.6853** is the 20% darker color. If you saturate the color by 10%, you get **62.8870, 2.0277, 96.5691**, and if you desaturate by 10%, it is **85.3530, 1.7980, 76.8664**.

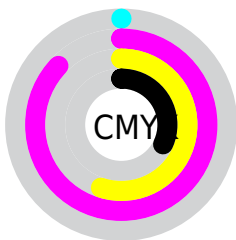
# Distribution



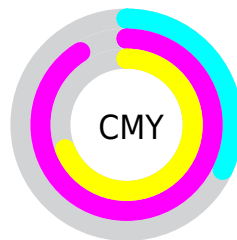
- Red (68%)
- Green (9%)
- Blue (31%)



- Red (68%)
- Yellow (9%)
- Blue (31%)



- Cyan (0%)
- Magenta (87%)
- Yellow (55%)
- Black (32%)




- Cyan (32%)
- Magenta (91%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 74.1200, 1.9128, 86.7178 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 74.1200, 1.9128, 86.7178 by changing the saturation by 10% instead.





 74.1200, 1.9128,  
86.7178


 74.1200, 1.9128,  
86.7178


255.0000, 0.0000,  
0.0000


 49.0270, 2.9447,  
82.4143


 136.1000, -4.4863,  
85.8583

 37.9620, -1.9533,  
66.6853


 161.7790, -4.3280,  
81.7548


 26.7830, -7.2880,  
51.0563

 181.1790, -1.0742,  
64.7410

 17.5700, -7.6760,  
35.4571

 200.8070, 3.0531,  
47.5273

 5.3820, -2.6533,  
11.0660

 221.0220, 6.8912,  
29.7987

 0.0000, 0.0000,  
0.0000

 240.3250, 7.2348,

12.8700

■ 74.1200, 1.9128,  
86.7178

■ 74.1200, 1.9128,  
86.7178

■ 62.8870, 2.0277,  
96.5691

■ 85.3530, 1.7980,  
76.8664

■ 58.9090, 2.0169,  
100.0578

■ 97.1730, 1.3937,  
66.5003

■ 108.4060, 1.2788,  
56.6489

■ 119.6390, 1.1640,  
46.7976

■ 131.4590, 0.7597,  
36.4315

■ 142.6920, 0.6448,  
26.5801

■ 153.9250, 0.5300,  
16.7288

■ 165.1580, 0.4151,  
6.8774

■ 176.9780, 0.0108,  
-3.4887

# Harmonies

## Analogous

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



83.9010, 20.7548, 63.2308



74.1200, 1.9128, 86.7178



80.1590, -24.2354, 73.5286

# Triad

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



74.1200, 1.9128, 86.7178



72.1330, -35.5616, -27.3036



81.5680, 48.5270, -71.5351

# Complementary

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



74.1200, 1.9128, 86.7178



121.8800, -1.9128, -86.7178

# 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.



80.9690, 33.5393, -71.0098



74.1200, 1.9128, 86.7178



69.2100, -8.9775, -60.6972

# Square

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



74.1200, 1.9128, 86.7178



83.0070, -40.9225, 12.2719



76.1980, 12.7204, -66.8256



74.7350, 55.3466, -65.5426



# Rectangle

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



74.1200, 1.9128, 86.7178



82.4070, -40.6267, 57.5251



76.1980, 12.7204, -66.8256



82.4170, 44.1644, -72.2797

# Sweetspot

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



74.1200, 1.9128, 86.7178



185.7360, 0.6232, 33.5575



68.5050, 51.5160, 43.4071



88.9470, 0.5191, 20.2175



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



74.1200, 1.9128, 86.7178



76.3240, 2.7983, 129.5119



79.5900, -27.8989, 81.9206



81.0330, -0.0163, 5.2331



51.1200, 1.9128, 86.7178



7.7890, 0.1040, 13.3400



# Inverse Universe

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



74.1200, 1.9128, 86.7178



76.3240, 2.7983, 129.5119



116.4100, 27.8989, -81.9206



81.0330, -0.0163, 5.2331



51.1200, 1.9128, 86.7178



7.7890, 0.1040, 13.3400



# Previews

## White Background



This preview shows how the YUV color 74.1200, 1.9128, 86.7178 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

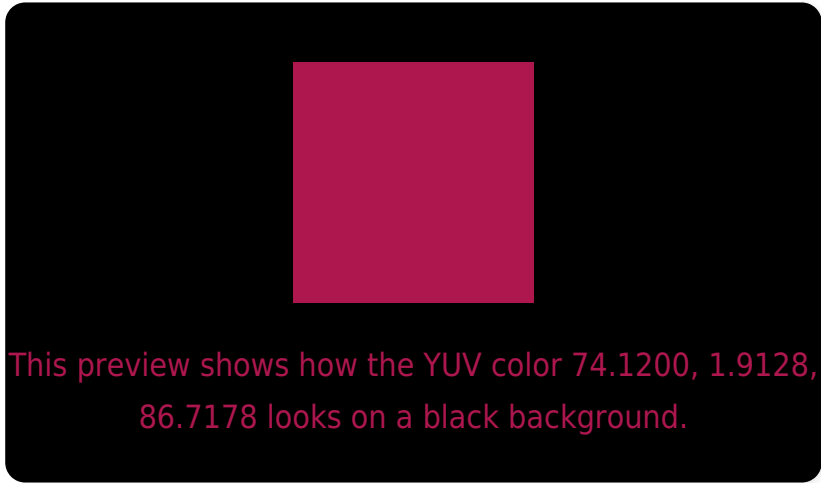
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

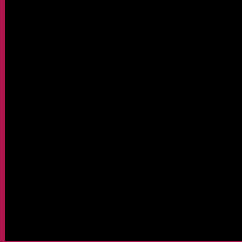
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 74.1200, 1.9128, 86.7178

## Background



This preview shows how black text looks on a background with the YUV color 74.1200, 1.9128, 86.7178.



This preview shows how white text looks on a background with the YUV color 74.1200, 1.9128,



# 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

74.1200, 1.9128, 86.7178

### Protanopia

91.0840, 9.3256, -4.4587

### Deuteranopia

90.8570, -9.7895, 13.2804



## Tritanopia

77.0660, -19.7525, 82.3801

# Trichromacy



## Original Color

74.1200, 1.9128, 86.7178

## Protanomaly

85.1960, 6.3124, 28.7691

## Deuteranomaly

84.8740, -5.3609, 39.5755

## Tritanomaly

76.1400, -11.9010, 84.0692

# Monochromacy



## Original Color

74.1200, 1.9128, 86.7178

## Achromatopsia

74.0000, 0.0000, 0.0000

## Achromatomaly

73.7250, 0.6286, 31.8132

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 74.1200, 1.9128, 86.7178 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(173, 23, 78)` looks like.

```
.text, #text, p{  
    color:rgb(173, 23, 78)  
}
```

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(173, 23, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 23, 78) }
```

## Border

The CSS property to change the border of an element to YUV 74.1200, 1.9128, 86.7178 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(173, 23, 78) }
```



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

```
.border{ border-color:rgb(173, 23, 78) }
```

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

Here you see how a box with a 4 pixel rgb(173, 23, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 23, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 23, 78);  
box-shadow:4px 4px 4px 4px rgb(173, 23,  
78) }
```

# Background

The CSS property to change the background color of an element to YUV 74.1200, 1.9128, 86.7178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 23, 78) }
```

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

```
.background{ background-color: rgb(173, 23,  
78) }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor