

# Converting Colors

YUV(71.4990, 14.0510,  
113.5724)

Have a look what the booklet for  
YUV(71.4990, 14.0510, 113.5724)  
contains.

<b>YUV(71.4990, 14.0510, 113.5724)</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(71.4990, 14.0510,  
113.5724)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C90064
RGB	201, 0, 100
RGB Percent	79%, 0%, 39%
CMY	0.2118, 1.0000, 0.6078
CMYK	0.00, 1.00, 0.50, 0.21
HSL	330°, 100%, 39%
HSV	330°, 100%, 79%
XYZ	26.3876, 13.3376, 13.2402
YIQ	71.4990, 87.6960, 73.7120

# Conversions

## Conversions Part 2

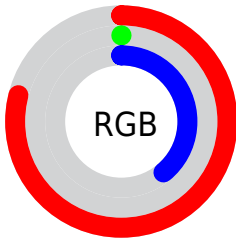
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 0, 100
Decimal	13172836
CIE Lab	43.27, 70.72, 3.10
CIE LCh	43, 70.784, 2.510
Yxy	13.3376, 0.4982, 0.2518
Android (android.graphics.Color)	4291362916 (0xFFC90064)
YUV	71.4990, 14.0510, 113.5724
Hunter-Lab	36.5207, 65.0621, 4.0695

# Details

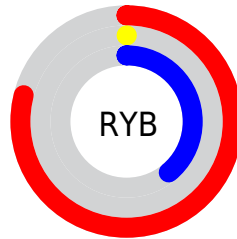
The YUV color **71.4990, 14.0510, 113.5724** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **129.5010, -14.0510, -113.5724**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.5280, 3.1907, 96.8839**, and **48.0160, 2.9501, 80.6700** is the 20% darker color. If you saturate the color by 10%, you get **71.4990, 14.0510, 113.5724**, and if you desaturate by 10%, it is **84.3790, 12.6312, 102.2766**.

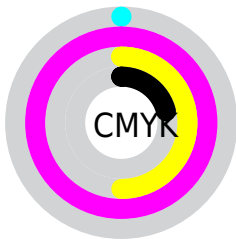
# Distribution



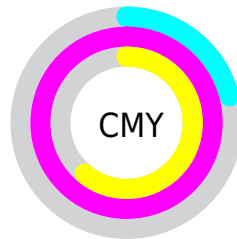
- Red (79%)
- Green (0%)
- Blue (39%)



- Red (79%)
- Yellow (0%)
- Blue (39%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (21%)



- Cyan (21%)
- Magenta (100%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 71.4990, 14.0510, 113.5724 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 71.4990, 14.0510, 113.5724 by changing the saturation by 10% instead.



■ 71.4990, 14.0510,  
113.5724

■ 71.4990, 14.0510,  
113.5724

255.0000, 0.0000,  
0.0000

■ 59.4940, 8.1375,  
96.9138

■ 144.5280, 3.1907,  
96.8839

■ 48.0160, 2.9501,  
80.6700

■ 165.1020, 5.8657,  
78.8405

■ 36.6520, -1.8004,  
64.3262

■ 185.3170, 9.7037,  
61.1120

■ 25.2450, -8.0088,  
48.8971

■ 206.1190, 13.2523,  
42.8686

■ 15.4770, -6.6442,  
31.1537

■ 225.6500, 14.4696,  
25.7400

■ 0.0000, 0.0000,  
0.0000

■ 243.2600, 5.7878,

10.2960

■ 71.4990, 14.0510,  
113.5724

■ 84.3790, 12.6312,  
102.2766

■ 97.2590, 11.2113,  
90.9809

■ 110.1390, 9.7915,  
79.6851

■ 123.0190, 8.3716,  
68.3893

■ 136.6000, 7.0992,  
56.4788

■ 149.4800, 5.6794,  
45.1830

■ 162.3600, 4.2595,  
33.8873

■ 175.2400, 2.8397,  
22.5915

■ 188.1200, 1.4198,  
11.2958

# Harmonies

## Analogous

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



96.3390, 29.9059, 68.1087



71.4990, 14.0510, 113.5724



86.6870, -21.5377, 94.9905

# Triad

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



71.4990, 14.0510, 113.5724



85.7330, -42.2664, -23.4448



95.2120, 55.1115, -83.5009

# Complementary

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



71.4990, 14.0510, 113.5724



129.5010, -14.0510, -113.5724

# 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.



93.2450, 34.8822, -81.7759



71.4990, 14.0510, 113.5724



77.1030, -16.8128, -67.6193

# Square

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



71.4990, 14.0510, 113.5724



96.0530, -47.3541, 21.8785



86.0460, 9.8373, -75.4623



89.1770, 64.9887, -78.2082



# Rectangle

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



71.4990, 14.0510, 113.5724



91.9640, -45.3383, 75.4536



86.0460, 9.8373, -75.4623



95.0180, 49.2911, -83.3308

# Sweetspot

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



71.4990, 14.0510, 113.5724



206.0560, 5.3954, 42.9239



53.1130, 72.9083, 41.9969



98.2620, 2.8288, 26.0802



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



71.4990, 14.0510, 113.5724



90.7230, 17.8846, 144.0709



60.0990, -29.6288, 123.5702



93.1470, 0.4205, 5.1331



57.9710, 11.3533, 92.1104



12.8160, 2.5557, 20.3324



# Inverse Universe

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



71.4990, 14.0510, 113.5724



90.7230, 17.8846, 144.0709



140.9010, 29.6288, -123.5702



93.1470, 0.4205, 5.1331



57.9710, 11.3533, 92.1104



12.8160, 2.5557, 20.3324



# Previews

## White Background



This preview shows how the YUV color 71.4990, 14.0510, 113.5724 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



This preview shows how the YUV color 71.4990, 14.0510, 113.5724 looks on a 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 71.4990, 14.0510, 113.5724

## Background



This preview shows how black text looks on a background with the YUV color 71.4990, 14.0510, 113.5724.



This preview shows how white text looks on a background with the YUV color 71.4990, 14.0510,



# 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

71.4990, 14.0510, 113.5724

### Protanopia

104.4990, 19.9670, -10.9616

### Deuteranopia

105.3560, -6.5845, 11.9658



## Tritanopia

87.2420, -23.2903, 97.1348

# Trichromacy



## Original Color

71.4990, 14.0510, 113.5724

## Protanomaly

92.9160, 17.7894, 34.2767

## Deuteranomaly

92.9490, 1.0111, 49.1567

## Tritanomaly

81.2440, -9.4873, 103.2720

# Monochromacy



## Original Color

71.4990, 14.0510, 113.5724

## Achromatopsia

71.0000, 0.0000, 0.0000

## Achromatomaly

71.0450, 5.4008, 41.1795

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 71.4990, 14.0510, 113.5724 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(201, 0, 100)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 100)  
}
```

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(201, 0, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 100) }
```

## Border

The CSS property to change the border of an element to YUV 71.4990, 14.0510, 113.5724 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(201, 0, 100) }
```



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

```
.border{ border-color:rgb(201, 0, 100) }
```

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

Here you see how a box with a 4 pixel rgb(201, 0, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 100);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
100) }
```

# Background

The CSS property to change the background color of an element to YUV 71.4990, 14.0510, 113.5724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 100) }
```

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

```
.background{ background-color: rgb(201, 0,  
100) }
```

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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