

# Converting Colors

YUV(71.9290, 28.6290,  
104.4253)

Have a look what the booklet for  
YUV(71.9290, 28.6290, 104.4253)  
contains.

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# Color

**YUV(71.9290, 28.6290,  
104.4253)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF0082
RGB	191, 0, 130
RGB Percent	75%, 0%, 51%
CMY	0.2510, 1.0000, 0.4902
CMYK	0.00, 1.00, 0.32, 0.25
HSL	319°, 100%, 37%
HSV	319°, 100%, 75%
XYZ	25.5151, 12.6881, 22.2233
YIQ	71.9290, 72.1060, 80.9220

# Conversions

## Conversions Part 2

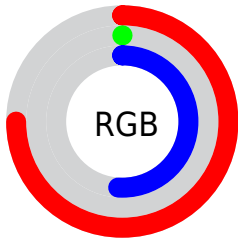
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 0, 130
Decimal	12517506
CIE <sub>Lab</sub>	42.29, 71.30, -17.26
CIE <sub>LCh</sub>	42, 73.356, 346.394
Yxy	12.6881, 0.4223, 0.2100
Android (android.graphics.Color)	4290707586 (0xFFBF0082)
YUV	71.9290, 28.6290, 104.4253
Hunter-Lab	35.6203, 65.5254, -12.0565

# Details

The YUV color **71.9290, 28.6290, 104.4253** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **119.0710, -28.6290, -104.4253**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.6920, 17.8998, 92.3551**, and **48.7020, 15.9229, 73.0523** is the 20% darker color. If you saturate the color by 10%, you get **71.9290, 28.6290, 104.4253**, and if you desaturate by 10%, it is **83.7660, 25.7514, 94.0442**.

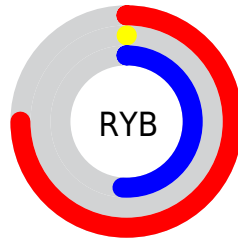
# Distribution



Red (75%)

Green (0%)

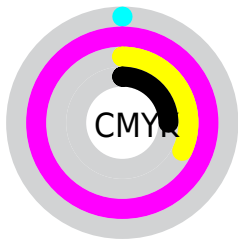
Blue (51%)



Red (75%)

Yellow (0%)

Blue (51%)

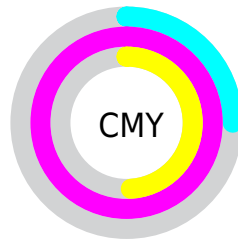


Cyan (0%)

Magenta (100%)

Yellow (32%)

Black (25%)



Cyan (25%)

Magenta (100%)


Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 71.9290, 28.6290, 104.4253 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 71.9290, 28.6290, 104.4253 by changing the saturation by 10% instead.





 71.9290, 28.6290,  
104.4253


 71.9290, 28.6290,  
104.4253

255.0000, 0.0000,  
0.0000


 60.1090, 22.1313,  
88.4814

 146.6920, 17.8998,  
92.3551


 48.7020, 15.9229,  
73.0523


 168.3910, 21.0062,  
75.9561


 37.2950, 9.7146,  
57.6233

 188.6060, 24.8442,  
58.2275

 26.8280, 4.5218,  
43.1238

 208.0400, 23.1513,  
41.1839

 15.3070, -2.1234,  
27.7948

 225.0630, 14.7589,  
26.2547

 0.0000, 0.0000,  
0.0000

 242.6730, 6.0772,

10.8108

■ 71.9290, 28.6290,  
104.4253

■ 83.7660, 25.7514,  
94.0442

■ 95.6030, 22.8737,  
83.6632

■ 107.4400, 19.9961,  
73.2821

■ 119.2770, 17.1184,  
62.9011

■ 131.8150, 14.3882,  
51.9052

■ 143.6520, 11.5106,  
41.5242

■ 155.4890, 8.6329,  
31.1431

■ 167.3260, 5.7553,  
20.7621

■ 179.1630, 2.8776,  
10.3810

# Harmonies

## Analogous

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



100.2300, 41.7916, 35.7553



71.9290, 28.6290, 104.4253



68.3780, 0.7996, 117.1865

# Triad

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



71.9290, 28.6290, 104.4253



90.3170, -44.5263, 1.4760



93.5190, 46.0861, -82.0162

# Complementary

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



71.9290, 28.6290, 104.4253



119.0710, -28.6290, -104.4253

# 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.



88.5370, 21.9203, -77.6469



71.9290, 28.6290, 104.4253



69.2660, -34.1481, -60.7463

# Square

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



71.9290, 28.6290, 104.4253



94.4240, -46.5510, 44.3552



80.0670, -5.4560, -70.2188



92.4710, 62.3788, -81.0971



# Rectangle

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



71.9290, 28.6290, 104.4253



83.2480, -25.7583, 95.3755



80.0670, -5.4560, -70.2188



92.2820, 38.8080, -80.9313

# Sweetspot

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



71.9290, 28.6290, 104.4253



200.9400, 11.3686, 40.3946



39.7140, 74.5840, 17.7908



96.9890, 6.9074, 24.5656



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



71.9290, 28.6290, 104.4253



93.0050, 36.9725, 135.0536



61.0990, -12.8668, 113.9232



88.3750, 1.2941, 4.9331



59.5540, 23.8839, 86.3371



11.6630, 4.6031, 16.9585



# Inverse Universe

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



71.9290, 28.6290, 104.4253



93.0050, 36.9725, 135.0536



129.9010, 12.8668, -113.9232



88.3750, 1.2941, 4.9331



59.5540, 23.8839, 86.3371



11.6630, 4.6031, 16.9585



# Previews

## White Background



This preview shows how the YUV color 71.9290, 28.6290, 104.4253 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

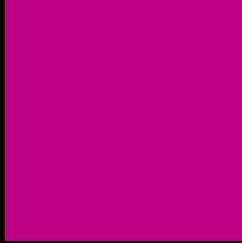
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 71.9290, 28.6290, 104.4253 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

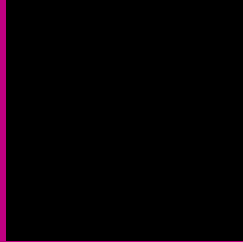
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 71.9290, 28.6290, 104.4253

## Background



This preview shows how black text looks on a background with the YUV color 71.9290, 28.6290, 104.4253.



This preview shows how white text looks on a background with the YUV color 71.9290, 28.6290,



# 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

71.9290, 28.6290, 104.4253

### Protanopia

97.2570, 43.7503, -32.6744

### Deuteranopia

103.2910, 8.7305, -0.2552



## Tritanopia

91.5930, -19.0263, 82.7949

# Trichromacy



## Original Color

71.9290, 28.6290, 104.4253



## Protanomaly

88.1970, 38.3569, 17.3672



## Deuteranomaly

92.0690, 15.7420, 37.6505



## Tritanomaly

84.2300, -1.5924, 91.0063

# Monochromacy



## Original Color

71.9290, 28.6290, 104.4253



## Achromatopsia

72.0000, 0.0000, 0.0000



## Achromatomaly

71.9890, 10.3584, 37.7206

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 71.9290, 28.6290, 104.4253 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(191, 0, 130)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 130)  
}
```

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(191, 0, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 130) }
```

## Border

The CSS property to change the border of an element to YUV 71.9290, 28.6290, 104.4253 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(191, 0, 130) }
```



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

```
.border{ border-color:rgb(191, 0, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 0, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 130);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
130) }
```

# Background

The CSS property to change the background color of an element to YUV 71.9290, 28.6290, 104.4253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 130) }
```

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

```
.background{ background-color: rgb(191, 0,  
130) }
```

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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