

Converting Colors

YUV(72.4990, 30.8130,
103.9254)

Have a look what the booklet for
YUV(72.4990, 30.8130, 103.9254)
contains.

YUV(72.4990, 30.8130, 103.9254)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(72.4990, 30.8130,
103.9254)**

Conversions

Conversions Part 1

Format	Color
Hex	BF0087
RGB	191, 0, 135
RGB Percent	75%, 0%, 53%
CMY	0.2510, 1.0000, 0.4706
CMYK	0.00, 1.00, 0.29, 0.25
HSL	318°, 100%, 37%
HSV	318°, 100%, 75%
XYZ	25.8590, 12.8256, 24.0343
YIQ	72.4990, 70.5010, 82.4770

Conversions

Conversions Part 2

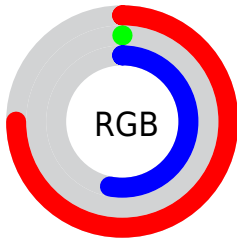
Format	Color
RYB	191, 0, 135
Decimal	12517511
CIELab	42.50, 71.83, -20.01
CIELCh	42, 74.570, 344.435
Yxy	12.8256, 0.4123, 0.2045
Android (android.graphics.Color)	4290707591 (0xFFBF0087)
YUV	72.4990, 30.8130, 103.9254
Hunter-Lab	35.8129, 66.2150, -14.7210

Details

The YUV color **72.4990, 30.8130, 103.9254** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **118.5010, -30.8130, -103.9254**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.2620, 20.0838, 91.8552**, and **49.1580, 17.6701, 72.6524** is the 20% darker color. If you saturate the color by 10%, you get **72.4990, 30.8130, 103.9254**, and if you desaturate by 10%, it is **84.3360, 27.9354, 93.5443**.

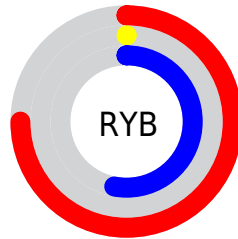
Distribution



Red (75%)

Green (0%)

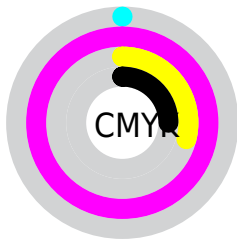
Blue (53%)



Red (75%)

Yellow (0%)

Blue (53%)

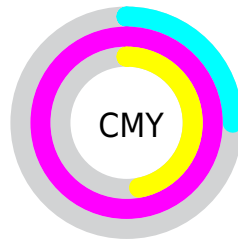


Cyan (0%)

Magenta (100%)

Yellow (29%)

Black (25%)



Cyan (25%)


Magenta (100%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 72.4990, 30.8130, 103.9254 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 72.4990, 30.8130, 103.9254 by changing the saturation by 10% instead.


 72.4990, 30.8130,
103.9254


 72.4990, 30.8130,
103.9254


255.0000, 0.0000,
0.0000


 60.6790, 24.3153,
87.9815


 147.2620, 20.0838,
91.8552


 49.1580, 17.6701,
72.6524


 168.9610, 23.1902,
75.4562


 37.8650, 11.8986,
57.1234


 189.8770, 27.1756,
57.1129

 27.2840, 6.2690,
42.7239

 208.0400, 23.1513,
41.1839

 15.9910, 0.4974,
27.1949

 225.0630, 14.7589,
26.2547

 0.0000, 0.0000,
0.0000

 242.6730, 6.0772,

10.8108

■ 72.4990, 30.8130,
103.9254

■ 84.3360, 27.9354,
93.5443

■ 96.0590, 24.6209,
83.2633

■ 107.8960, 21.7433,
72.8822

■ 119.6190, 18.4288,
62.6011

■ 132.0430, 15.2618,
51.7053

■ 143.8800, 12.3842,
41.3242

■ 155.6030, 9.0697,
31.0432

■ 167.4400, 6.1921,
20.6621

■ 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.



100.7780, 43.9864, 31.7667



72.4990, 30.8130, 103.9254



69.4320, 2.2520, 118.0161

Triad

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



72.4990, 30.8130, 103.9254



91.5130, -45.1159, 3.9351



93.9920, 45.3599, -82.4310

Complementary

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



72.4990, 30.8130, 103.9254



118.5010, -30.8130, -103.9254

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.



88.7820, 20.3205, -77.8618



72.4990, 30.8130, 103.9254



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.



72.4990, 30.8130, 103.9254



95.0330, -46.8513, 47.3291



80.1980, -7.4926, -70.3336



93.8730, 62.6736, -82.3266

Rectangle

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



72.4990, 30.8130, 103.9254



81.2640, -23.3012, 100.6235



80.1980, -7.4926, -70.3336



92.6410, 37.6450, -81.2462

Sweetspot

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



72.4990, 30.8130, 103.9254



201.1680, 12.2422, 40.1947



37.9200, 75.4684, 14.1022



97.1030, 7.3442, 24.4657



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.



72.4990, 30.8130, 103.9254



93.8030, 40.0301, 134.3538



61.7830, -10.2460, 113.3233



88.4890, 1.7309, 4.8331



60.0100, 25.6311, 85.9372



11.7770, 5.0399, 16.8586

Inverse Universe

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



72.4990, 30.8130, 103.9254



93.8030, 40.0301, 134.3538



129.2170, 10.2460, -113.3233



88.4890, 1.7309, 4.8331



60.0100, 25.6311, 85.9372



11.7770, 5.0399, 16.8586

Previews

White Background



This preview shows how the YUV color 72.4990, 30.8130, 103.9254 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 72.4990, 30.8130, 103.9254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

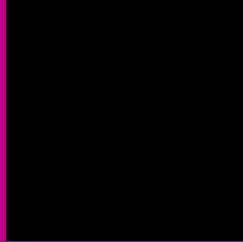
Any Text WCAG AA × Fail

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 72.4990, 30.8130, 103.9254 Background



This preview shows how black text looks on a background with the YUV color 72.4990, 30.8130, 103.9254.



This preview shows how white text looks on a background with the YUV color 72.4990, 30.8130,

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



Protanopia

96.7340, 46.9661, -37.4777

Deuteranopia

103.8500, 10.9200, -2.4994

Tritanopia

92.8100, -18.1473, 80.8506

Trichromacy



Protanomaly

88.1580, 40.8411, 13.8934

Deuteranomaly

92.3400, 18.0734, 36.5358

Tritanomaly

85.5610, -0.2766, 88.9620

Monochromacy



Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.2170, 11.2320, 37.5207

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.4990, 30.8130, 103.9254 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 135) }
```

Border

The CSS property to change the border of an element to YUV 72.4990, 30.8130, 103.9254 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, 135) }
```

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

```
.border{ border-color:rgb(191, 0, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 135);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
135) }
```


Background

The CSS property to change the background color of an element to YUV 72.4990, 30.8130, 103.9254 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, 135) }
```

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

```
.background{ background-color: rgb(191, 0,  
135) }
```

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