

# Converting Colors

YUV(114.2970, 23.5176,  
63.7605)

Have a look what the booklet for  
YUV(114.2970, 23.5176, 63.7605)  
contains.

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# Color

**YUV(114.2970, 23.5176,  
63.7605)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB44A2
RGB	187, 68, 162
RGB Percent	73%, 27%, 64%
CMY	0.2667, 0.7333, 0.3647
CMYK	0.00, 0.64, 0.13, 0.27
HSL	313°, 47%, 50%
HSV	313°, 64%, 73%
XYZ	29.0822, 17.3077, 35.9903
YIQ	114.2970, 40.7500, 54.4620

# Conversions

## Conversions Part 2

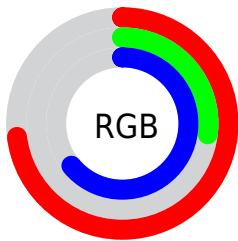
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 68, 162
Decimal	12272802
CIE <sub>Lab</sub>	48.65, 58.28, -26.83
CIE <sub>LCh</sub>	49, 64.159, 335.284
Yxy	17.3077, 0.3530, 0.2101
Android (android.graphics.Color)	4290462882 (0xFFBB44A2)
YUV	114.2970, 23.5176, 63.7605
Hunter-Lab	41.6025, 51.9761, -22.1701

# Details

The YUV color **114.2970, 23.5176, 63.7605** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **140.7030, -23.5176, -63.7605**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0800, 22.6386, 65.7048**, and **51.4100, 28.8849, 68.9234** is the 20% darker color. If you saturate the color by 10%, you get **102.6880, 27.2688, 73.9416**, and if you desaturate by 10%, it is **125.9060, 19.7663, 53.5794**.

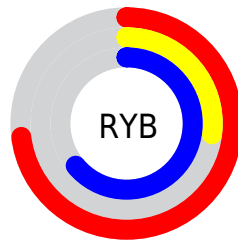
# Distribution



Red (73%)

Green (27%)

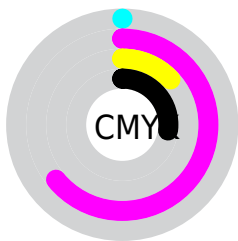
Blue (64%)



Red (73%)

Yellow (27%)

Blue (64%)

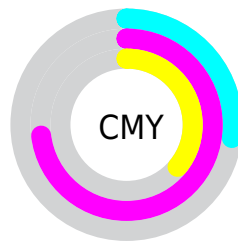


Cyan (0%)

Magenta (64%)

Yellow (13%)

Black (27%)



Cyan (27%)

Magenta (73%)


Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 114.2970, 23.5176, 63.7605 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 114.2970, 23.5176, 63.7605 by changing the saturation by 10% instead.





 114.2970, 23.5176,  
63.7605


 114.2970, 23.5176,  
63.7605


255.0000, 0.0000,  
0.0000


 85.0520, 25.1174,  
63.9754


 171.0800, 22.6386,  
65.7048


 51.4100, 28.8849,  
68.9234


 192.9260, 26.1655,  
54.4389


 40.4870, 21.9449,  
54.8239


 210.9750, 21.7043,  
38.6099

 29.7920, 15.8785,  
40.5244

 227.4110, 13.6014,  
24.1956

 20.1080, 9.8068,  
27.9693

 244.4340, 5.2090,  
9.2664

 6.4230, 5.2145,  
7.5220

 0.0000, 0.0000,

0.0000

■ 114.2970, 23.5176,  
63.7605

■ 114.2970, 23.5176,  
63.7605

■ 102.6880, 27.2688,  
73.9416

■ 125.9060, 19.7663,  
53.5794

■ 91.6660, 30.7307,  
83.6079

■ 136.9280, 16.3045,  
43.9131

■ 80.0570, 34.4819,  
93.7890

■ 148.5370, 12.5533,  
33.7321

■ 72.7850, 37.0810,  
100.1666

■ 160.1460, 8.8020,  
23.5510

■ 171.7550, 5.0508,  
13.3699

■ 182.7770, 1.5889,  
3.7036

■ 194.3860, -2.1623,  
-6.4775

■ 205.8810, -6.3503,  
-16.5586

■ 216.9030, -9.8122,  
-26.2249

# Harmonies

## Analogous

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



117.6950, 43.0414, 8.1605



114.2970, 23.5176, 63.7605



106.2130, 0.8810, 91.0212

# Triad

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



114.2970, 23.5176, 63.7605



107.2610, -52.8797, 20.8191



101.7710, 37.0879, -89.2532

# Complementary

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



114.2970, 23.5176, 63.7605



140.7030, -23.5176, -63.7605

# 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.



96.3160, 13.6482, -84.4691



114.2970, 23.5176, 63.7605



98.2510, -47.9447, -22.1451

# Square

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



114.2970, 23.5176, 63.7605



108.0900, -53.2884, 58.6801



88.0570, -10.3811, -77.2260



102.4670, 54.9858, -89.8636



# Rectangle

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



114.2970, 23.5176, 63.7605



106.3210, -16.4273, 89.1725



88.0570, -10.3811, -77.2260



100.5340, 29.8097, -88.1683

# Sweetspot

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



114.2970, 23.5176, 63.7605



213.9720, 9.3808, 24.5806



88.7420, 48.4412, 2.8573



104.8800, 5.4822, 15.0142



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



114.2970, 23.5176, 63.7605



129.6600, 36.6496, 98.5222



107.6850, -1.8167, 69.5593



88.4890, 1.7309, 4.8331



61.4920, 31.3094, 84.6375



12.0050, 5.9135, 16.6586



# Inverse Universe

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



114.2970, 23.5176, 63.7605



129.6600, 36.6496, 98.5222



147.3150, 1.8167, -69.5593



88.4890, 1.7309, 4.8331



61.4920, 31.3094, 84.6375



12.0050, 5.9135, 16.6586



# Previews

## White Background



This preview shows how the YUV color 114.2970, 23.5176, 63.7605 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 114.2970, 23.5176, 63.7605 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

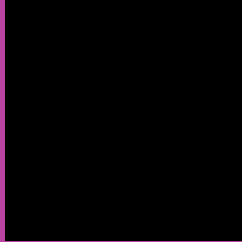
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 114.2970, 23.5176, 63.7605

## Background



This preview shows how black text looks on a background with the YUV color 114.2970, 23.5176, 63.7605.



This preview shows how white text looks on a background with the YUV color 114.2970, 23.5176,



# 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

114.2970, 23.5176, 63.7605

### Protanopia

112.4530, 43.1607, -30.2153

### Deuteranopia

116.2820, 19.0880, -9.0173



## Tritanopia

115.4910, -11.0881, 56.5744

# Trichromacy



## Original Color

114.2970, 23.5176, 63.7605



## Protanomaly

113.4250, 35.7795, 4.0123



## Deuteranomaly

115.3160, 21.0432, 17.2629



## Tritanomaly

115.1290, 1.4154, 59.5229

# Monochromacy



## Original Color

114.2970, 23.5176, 63.7605



## Achromatopsia

114.0000, 0.0000, 0.0000



## Achromatomaly

114.0320, 8.3652, 23.6509

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 114.2970, 23.5176, 63.7605 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(187, 68, 162)` looks like.

```
.text, #text, p{  
    color:rgb(187, 68, 162)  
}
```

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(187, 68, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 68, 162) }
```

## Border

The CSS property to change the border of an element to YUV 114.2970, 23.5176, 63.7605 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(187, 68, 162) }
```



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

```
.border{ border-color:rgb(187, 68, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 68, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 68, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 68, 162);  
box-shadow:4px 4px 4px 4px rgb(187, 68,  
162) }
```

# Background

The CSS property to change the background color of an element to YUV 114.2970, 23.5176, 63.7605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 68, 162) }
```

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

```
.background{ background-color: rgb(187, 68,  
162) }
```

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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