

Converting Colors

YUV(71.5590, 29.7974,
102.9958)

Have a look what the booklet for
YUV(71.5590, 29.7974, 102.9958)
contains.

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Color

**YUV(71.5590, 29.7974,
102.9958)**

Conversions

Conversions Part 1

Format	Color
Hex	BD0084
RGB	189, 0, 132
RGB Percent	74%, 0%, 52%
CMY	0.2588, 1.0000, 0.4824
CMYK	0.00, 1.00, 0.30, 0.26
HSL	318°, 100%, 37%
HSV	318°, 100%, 74%
XYZ	25.1511, 12.4848, 22.9140
YIQ	71.5590, 70.2720, 81.1200

Conversions

Conversions Part 2

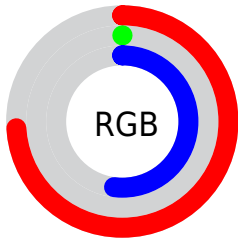
Format	Color
RYB	189, 0, 132
Decimal	12386436
CIELab	41.98, 71.11, -19.00
CIElCh	42, 73.601, 345.037
Yxy	12.4848, 0.4154, 0.2062
Android (android.graphics.Color)	4290576516 (0xFFBD0084)
YUV	71.5590, 29.7974, 102.9958
Hunter-Lab	35.3338, 65.2249, -13.7160

Details

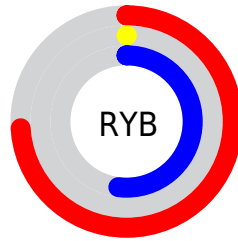
The YUV color **71.5590, 29.7974, 102.9958** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **117.4410, -29.7974, -102.9958**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.3220, 19.0683, 90.9256**, and **48.2180, 16.6545, 71.7228** is the 20% darker color. If you saturate the color by 10%, you get **71.5590, 29.7974, 102.9958**, and if you desaturate by 10%, it is **83.3960, 26.9198, 92.6147**.

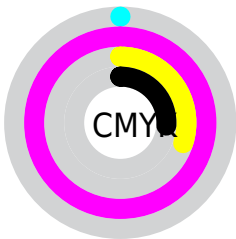
Distribution



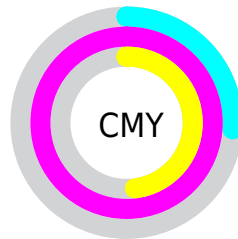
- Red (74%)
- Green (0%)
- Blue (52%)



- Red (74%)
- Yellow (0%)
- Blue (52%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (26%)





- Cyan (26%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 71.5590, 29.7974, 102.9958 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 71.5590, 29.7974, 102.9958 by changing the saturation by 10% instead.


 71.5590, 29.7974,
102.9958


 71.5590, 29.7974,
102.9958

255.0000, 0.0000,
0.0000


 59.7390, 23.2997,
87.0519


 146.3220, 19.0683,
90.9256

 48.2180, 16.6545,
71.7228


 168.6190, 21.8798,
75.7561


 36.9250, 10.8830,
56.1938

 188.8340, 25.7178,
58.0276

 26.3440, 5.2534,
41.7943

 207.4530, 23.4407,
41.6987

 15.3500, -0.6655,
26.8800

 225.0630, 14.7589,
26.2547

 0.0000, 0.0000,
0.0000

 242.0860, 6.3666,

11.3256

■ 71.5590, 29.7974,
102.9958

■ 83.3960, 26.9198,
92.6147

■ 95.1190, 23.6053,
82.3336

■ 106.9560, 20.7277,
71.9526

■ 118.7930, 17.8501,
61.5715

■ 130.6300, 14.9724,
51.1905

■ 141.7660, 11.9474,
41.4242

■ 153.6030, 9.0697,
31.0432

■ 165.4400, 6.1921,
20.6621

■ 177.1630, 2.8776,
10.3810

Harmonies

Analogous

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



99.7350, 42.5286, 32.6814



71.5590, 29.7974, 102.9958



68.3070, 1.8206, 116.3718

Triad

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



71.5590, 29.7974, 102.9958



90.0290, -44.3843, 2.6056



93.2910, 45.2125, -81.8162

Complementary

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



71.5590, 29.7974, 102.9958



117.4410, -29.7974, -102.9958

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.



87.4940, 20.4625, -76.7322



71.5590, 29.7974, 102.9958



68.6790, -33.8587, -60.2315

Square

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



71.5590, 29.7974, 102.9958



93.5490, -46.1197, 45.9995



79.0240, -6.9138, -69.3040



92.3570, 61.9420, -80.9971

Rectangle

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



71.5590, 29.7974, 102.9958



80.7260, -24.0219, 98.4643



79.0240, -6.9138, -69.3040



91.9400, 37.4976, -80.6314

Sweetspot

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



71.5590, 29.7974, 102.9958



199.0540, 11.8054, 40.2946



38.5890, 74.1526, 16.1464



94.6900, 7.0548, 23.9509



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.



71.5590, 29.7974, 102.9958



92.7490, 38.5777, 133.5241



60.8430, -11.2616, 112.3937



88.4890, 1.7309, 4.8331



59.7820, 24.7575, 86.1372



11.6630, 4.6031, 16.9585

Inverse Universe

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



71.5590, 29.7974, 102.9958



92.7490, 38.5777, 133.5241



128.1570, 11.2616, -112.3937



88.4890, 1.7309, 4.8331



59.7820, 24.7575, 86.1372



11.6630, 4.6031, 16.9585

Previews

White Background



This preview shows how the YUV color 71.5590, 29.7974, 102.9958 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 71.5590, 29.7974, 102.9958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

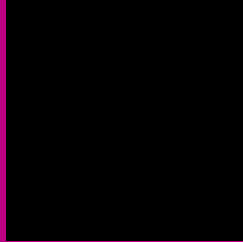
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.5590, 29.7974, 102.9958

Background



This preview shows how black text looks on a background with the YUV color 71.5590, 29.7974, 102.9958.



This preview shows how white text looks on a background with the YUV color 71.5590, 29.7974,

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

95.9900, 45.3609, -35.9482

Deuteranopia

102.0350, 10.3357, -1.7847

Tritanopia

91.6960, -18.5841, 80.9506

Trichromacy



Protanomaly

87.2290, 39.8201, 14.7082

Deuteranomaly

90.8130, 17.3472, 36.1210

Tritanomaly

84.3330, -1.1502, 89.1620

Monochromacy



Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1030, 10.7952, 37.6207

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.5590, 29.7974, 102.9958 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(189, 0, 132)` looks like.

```
.text, #text, p{  
    color:rgb(189, 0, 132)  
}
```

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(189, 0, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 0, 132) }
```

Border

The CSS property to change the border of an element to YUV 71.5590, 29.7974, 102.9958 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(189, 0, 132) }
```

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

```
.border{ border-color:rgb(189, 0, 132) }
```

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

Here you see how a box with a 4 pixel rgb(189, 0, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 0, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 0, 132);  
box-shadow:4px 4px 4px 4px rgb(189, 0,  
132) }
```


Background

The CSS property to change the background color of an element to YUV 71.5590, 29.7974, 102.9958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 0, 132) }
```

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

```
.background{ background-color: rgb(189, 0,  
132) }
```

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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