

Converting Colors

YUV(70.9270, 1.5150, 121.0900)

Have a look what the booklet for
YUV(70.9270, 1.5150, 121.0900)
contains.

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Color

**YUV(70.9270, 1.5150,
121.0900)**

Conversions

Conversions Part 1

Format	Color
Hex	D1004A
RGB	209, 0, 74
RGB Percent	82%, 0%, 29%
CMY	0.1804, 1.0000, 0.7098
CMYK	0.00, 1.00, 0.65, 0.18
HSL	339°, 100%, 41%
HSV	339°, 100%, 82%
XYZ	27.5305, 14.0497, 7.7394
YIQ	70.9270, 100.8100, 67.3220

Conversions

Conversions Part 2

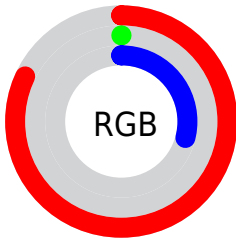
Format	Color
R_{YB}	209, 0, 74
Decimal	13697098
CIE _{Lab}	44.30, 70.89, 21.13
CIE _{LCh}	44, 73.972, 16.594
Yxy	14.0497, 0.5582, 0.2849
Android (android.graphics.Color)	4291887178 (0xFFD1004A)
YUV	70.9270, 1.5150, 121.0900
Hunter-Lab	37.4830, 65.5097, 13.9960

Details

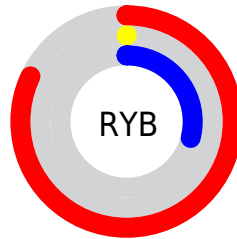
The YUV color **70.9270, 1.5150, 121.0900** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **138.0730, -1.5150, -121.0900**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8090, -9.7658, 99.2685**, and **47.1880, -7.9807, 86.6581** is the 20% darker color. If you saturate the color by 10%, you get **70.9270, 1.5150, 121.0900**, and if you desaturate by 10%, it is **84.7360, 1.1162, 108.9795**.

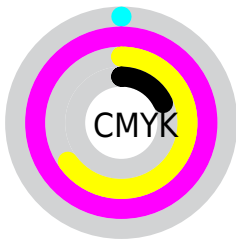
Distribution



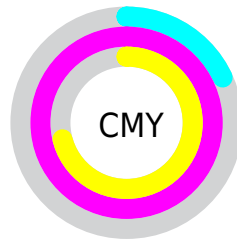
- Red (82%)
- Green (0%)
- Blue (29%)



- Red (82%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.9270, 1.5150, 121.0900 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 70.9270, 1.5150, 121.0900 by changing the saturation by 10% instead.


 70.9270, 1.5150,
121.0900

 70.9270, 1.5150,
121.0900


255.0000, 0.0000,
0.0000

 58.8510, -3.3775,
103.6167


 141.8090, -9.7658,
99.2685


 47.1880, -7.9807,
86.6581


 162.3830, -7.0908,
81.2251

 35.2970, -13.4574,
69.8995


 182.3700, -4.1264,
63.6965

 25.6430, -11.6560,
52.0561

 203.1720, -0.5778,
45.4532

 16.6730, -7.2338,
33.6128

 223.3870, 3.2602,
27.7246

 2.3920, -1.1793,
4.9182

 243.8470, 5.4984,

 0.0000, 0.0000,

9.7812

0.0000

■ 70.9270, 1.5150,
121.0900

■ 84.7360, 1.1162,
108.9795

■ 98.6590, 1.1541,
96.7691

■ 112.4680, 0.7553,
84.6586

■ 126.3910, 0.7932,
72.4481

■ 140.2000, 0.3944,
60.3376

■ 153.5360, 0.7218,
48.6419

■ 167.3450, 0.3229,
36.5314

■ 181.2680, 0.3609,
24.3210

■ 195.0770, -0.0380,
12.2105

Harmonies

Analogous

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



82.8100, 25.7297, 101.0216



70.9270, 1.5150, 121.0900



92.3550, -41.5870, 85.6347

Triad

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



70.9270, 1.5150, 121.0900



72.7880, -35.8845, -63.8351



96.2040, 63.9894, -84.3709

Complementary

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



70.9270, 1.5150, 121.0900



138.0730, -1.5150, -121.0900

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.



97.8390, 47.4074, -85.8048



70.9270, 1.5150, 121.0900



84.1590, -5.0084, -73.8074

Square

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



70.9270, 1.5150, 121.0900



94.4480, -46.5629, 1.3611



92.0420, 22.6573, -80.7208



84.9370, 69.0511, -74.4897

Rectangle

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



70.9270, 1.5150, 121.0900



97.4690, -48.0522, 59.2247



92.0420, 22.6573, -80.7208



97.7540, 59.7743, -85.7303

Sweetspot

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



70.9270, 1.5150, 121.0900



204.8020, 0.5906, 44.0236



63.2940, 71.8331, 60.2552



97.5780, 0.2080, 26.6801



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.



70.9270, 1.5150, 121.0900



86.5050, 1.7230, 147.7701



78.9270, -38.9110, 114.0740



97.7450, 0.1257, 6.3626



57.0720, 1.4435, 97.2839



13.8550, 0.0715, 23.8062

Inverse Universe

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



70.9270, 1.5150, 121.0900



86.5050, 1.7230, 147.7701



130.0730, 38.9110, -114.0740



97.7450, 0.1257, 6.3626



57.0720, 1.4435, 97.2839



13.8550, 0.0715, 23.8062

Previews

White Background



This preview shows how the YUV color 70.9270, 1.5150, 121.0900 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 70.9270, 1.5150, 121.0900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

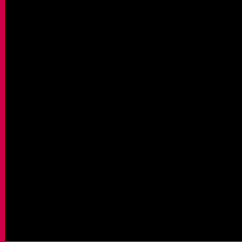
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.9270, 1.5150, 121.0900

Background



This preview shows how black text looks on a background with the YUV color 70.9270, 1.5150, 121.0900.



This preview shows how white text looks on a background with the YUV color 70.9270, 1.5150,

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

70.9270, 1.5150, 121.0900

Protanopia

106.9400, 1.0156, 0.9296

Deuteranopia

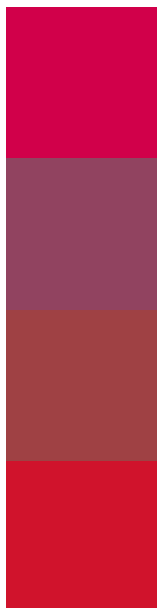
106.1540, -20.2889, 20.9129



Tritanopia

82.8800, -27.5488, 109.7302

Trichromacy



Original Color

70.9270, 1.5150, 121.0900

Protanomaly

93.6280, 1.1694, 45.0532

Deuteranomaly

93.4480, -12.5459, 57.4891

Tritanomaly

78.3610, -16.9400, 113.6934

Monochromacy



Original Color

70.9270, 1.5150, 121.0900

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8020, 0.5906, 44.0236

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.9270, 1.5150, 121.0900 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(209, 0, 74)` looks like.

```
.text, #text, p{  
  color:rgb(209, 0, 74)  
}
```

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(209, 0, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 74) }
```

Border

The CSS property to change the border of an element to YUV 70.9270, 1.5150, 121.0900 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(209, 0, 74) }
```


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

```
.border{ border-color:rgb(209, 0, 74) }
```

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

Here you see how a box with a 4 pixel rgb(209, 0, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 74);  
box-shadow:4px 4px 4px 4px rgb(209, 0, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.9270, 1.5150, 121.0900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 74) }
```

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

```
.background{ background-color: rgb(209, 0,  
74) }
```

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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