

# Converting Colors

YUV(72.4930, -0.2430,  
124.9786)

Have a look what the booklet for  
YUV(72.4930, -0.2430, 124.9786)  
contains.

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# Color

**YUV(72.4930, -0.2430,  
124.9786)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D70048
RGB	215, 0, 72
RGB Percent	84%, 0%, 28%
CMY	0.1569, 1.0000, 0.7176
CMYK	0.00, 1.00, 0.67, 0.16
HSL	340°, 100%, 42%
HSV	340°, 100%, 84%
XYZ	29.1940, 14.9150, 7.4711
YIQ	72.4930, 105.0280, 67.9720

# Conversions

## Conversions Part 2

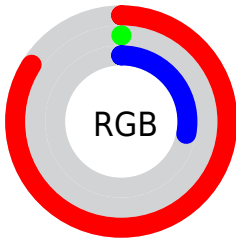
<b>Format</b>	<b>Color</b>
<b>RYB</b>	215, 0, 72
Decimal	14090312
CIELab	45.52, 72.19, 24.19
CIELCh	46, 76.138, 18.521
Yxy	14.9150, 0.5660, 0.2892
Android (android.graphics.Color)	4292280392 (0xFFD70048)
YUV	72.4930, -0.2430, 124.9786
Hunter-Lab	38.6199, 67.3492, 15.5642

# Details

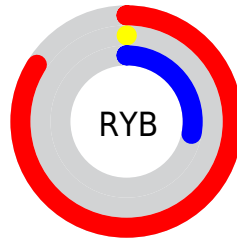
The YUV color **72.4930, -0.2430, 124.9786** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **142.5070, 0.2430, -124.9786**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.1680, -10.9288, 98.9537**, and **48.8680, -9.3019, 90.4468** is the 20% darker color. If you saturate the color by 10%, you get **72.4930, -0.2430, 124.9786**, and if you desaturate by 10%, it is **86.4160, -0.2051, 112.7682**.

# Distribution



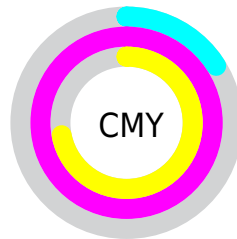
- Red (84%)
- Green (0%)
- Blue (28%)



- Red (84%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (16%)




- Cyan (16%)
- Magenta (100%)
- Yellow (72%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 72.4930, -0.2430, 124.9786 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 72.4930, -0.2430, 124.9786 by changing the saturation by 10% instead.





 72.4930, -0.2430,  
124.9786

 72.4930, -0.2430,  
124.9786


255.0000, 0.0000,  
0.0000


 60.4170, -5.1356,  
107.5053


 142.1680,  
-10.9288, 98.9537

 48.8680, -9.3019,  
90.4468


 162.7420, -8.2538,  
80.9103


 36.7490, -15.6523,  
73.8881


 183.3160, -5.5788,  
62.8669

 27.1380, -12.3930,  
55.1300

 204.0040, -2.4670,  
44.7235

 18.2820, -7.5340,  
36.5867

 224.2190, 1.3710,  
26.9949

 6.2790, -3.0955,  
12.9103

 245.0210, 4.9196,

 0.0000, 0.0000,

■ 72.4930, -0.2430,  
124.9786

■ 86.4160, -0.2051,  
112.7682

■ 101.0400, -0.0197,  
99.9429

■ 115.5500, -0.2711,  
87.2177

■ 129.4730, -0.2332,  
75.0072

■ 144.0970, -0.0478,  
62.1819

■ 158.0200, -0.0099,  
49.9715

■ 172.5300, -0.2613,  
37.2462

■ 186.4530, -0.2233,  
25.0357

■ 201.0770, -0.0380,  
12.2105

# Harmonies

## Analogous

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



78.7450, 27.7337, 111.6026



72.4930, -0.2430, 124.9786



94.4000, -46.5392, 87.3492

# Triad

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



72.4930, -0.2430, 124.9786



75.1360, -37.0420, -65.8943



98.8770, 66.6156, -86.7151

# Complementary

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



72.4930, -0.2430, 124.9786



142.5070, 0.2430, -124.9786

# 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.



100.6260, 50.4704, -88.2490



72.4930, -0.2430, 124.9786



87.1910, -3.5452, -76.4665

# Square

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



72.4930, -0.2430, 124.9786



97.0840, -47.8624, -1.8277



95.4160, 25.4309, -83.6798



86.0940, 70.9457, -75.5044



# Rectangle

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



72.4930, -0.2430, 124.9786



101.0020, -49.7940, 57.8802



95.4160, 25.4309, -83.6798



100.4270, 62.4005, -88.0745

# Sweetspot

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



72.4930, -0.2430, 124.9786



204.5740, -0.2830, 44.2236



66.3700, 73.2746, 64.5735



97.4640, -0.2288, 26.7801



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.



72.4930, -0.2430, 124.9786



85.9350, -0.4610, 148.2700



83.0690, -40.9530, 115.7035



99.7450, 0.1257, 6.3626



57.6270, -0.3091, 99.4281



14.5670, 0.2135, 24.9357



# Inverse Universe

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



72.4930, -0.2430, 124.9786



85.9350, -0.4610, 148.2700



131.9310, 40.9530, -115.7035



99.7450, 0.1257, 6.3626



57.6270, -0.3091, 99.4281



14.5670, 0.2135, 24.9357



# Previews

## White Background



This preview shows how the YUV color 72.4930, -0.2430, 124.9786 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 72.4930, -0.2430, 124.9786 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 72.4930, -0.2430, 124.9786**

## **Background**



This preview shows how black text looks on a background with the YUV color 72.4930, -0.2430, 124.9786.



This preview shows how white text looks on a background with the YUV color 72.4930, -0.2430,



# 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

72.4930, -0.2430, 124.9786

### Protanopia

109.8540, -1.9000, 2.7590

### Deuteranopia

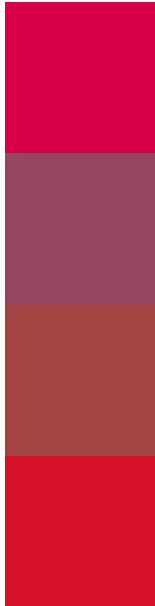
108.7690, -23.0571, 22.1276



## Tritanopia

83.8590, -29.0175, 114.1337

# Trichromacy



## Original Color

72.4930, -0.2430, 124.9786

## Protanomaly

96.0690, -1.0200, 47.2975

## Deuteranomaly

95.5900, -14.5879, 59.1186

## Tritanomaly

79.3400, -18.4086, 118.0968

# Monochromacy



## Original Color

72.4930, -0.2430, 124.9786

## Achromatopsia

72.0000, 0.0000, 0.0000

## Achromatomaly

72.2860, -0.1410, 45.3532

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 72.4930, -0.2430, 124.9786 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(215, 0, 72)` looks like.

```
.text, #text, p{  
    color:rgb(215, 0, 72)  
}
```

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(215, 0, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 0, 72) }
```

## Border

The CSS property to change the border of an element to YUV 72.4930, -0.2430, 124.9786 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(215, 0, 72) }
```



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

```
.border{ border-color:rgb(215, 0, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 0, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 0, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 0, 72);  
box-shadow:4px 4px 4px 4px rgb(215, 0, 72)  
}
```

# Background

The CSS property to change the background color of an element to YUV 72.4930, -0.2430, 124.9786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 0, 72) }
```

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

```
.background{ background-color: rgb(215, 0,  
72) }
```

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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