

# Converting Colors

YUV(72.0700, -15.8105,  
77.9916)

Have a look what the booklet for  
YUV(72.0700, -15.8105, 77.9916)  
contains.

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# Color

**YUV(72.0700, -15.8105,  
77.9916)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A12128
RGB	161, 33, 40
RGB Percent	63%, 13%, 16%
CMY	0.3686, 0.8706, 0.8431
CMYK	0.00, 0.80, 0.75, 0.37
HSL	357°, 66%, 38%
HSV	357°, 80%, 63%
XYZ	15.6248, 8.8180, 2.8860
YIQ	72.0700, 74.0410, 29.3130

# Conversions

## Conversions Part 2

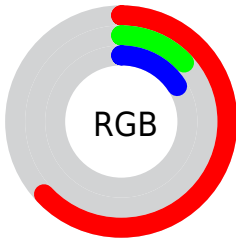
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	161, 33, 40
Decimal	10559784
CIE Lab	35.63, 51.35, 29.39
CIE LCh	36, 59.167, 29.782
Yxy	8.8180, 0.5717, 0.3227
Android (android.graphics.Color)	4288749864 (0xFFA12128)
YUV	72.0700, -15.8105, 77.9916
Hunter-Lab	29.6951, 41.9558, 15.0243

# Details

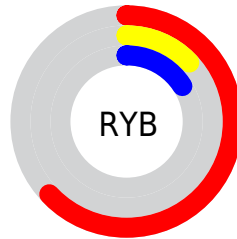
The YUV color **72.0700, -15.8105, 77.9916** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **121.9300, 15.8105, -77.9916**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.8980, -21.6417, 81.6505**, and **30.4980, -15.0355, 62.7073** is the 20% darker color. If you saturate the color by 10%, you get **60.9680, -17.7322, 87.7281**, and if you desaturate by 10%, it is **83.1720, -13.8888, 68.2552**.

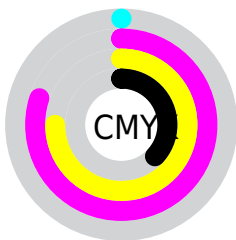
# Distribution



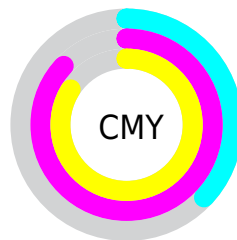
- Red (63%)
- Green (13%)
- Blue (16%)



- Red (63%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (80%)
- Yellow (75%)
- Black (37%)




- Cyan (37%)
- Magenta (87%)
- Yellow (84%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 72.0700, -15.8105, 77.9916 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 72.0700, -15.8105, 77.9916 by changing the saturation by 10% instead.




 72.0700, -15.8105,  
77.9916

 72.0700, -15.8105,  
77.9916


255.0000, 0.0000,  
0.0000


 41.3350, -11.0112,  
78.6362


 128.8980,  
-21.6417, 81.6505


 30.4980, -15.0355,  
62.7073

 156.8660,  
-23.1049, 84.3095


 21.5280, -10.6133,  
44.2639

 176.7500,  
-20.5828, 68.6252

 13.5690, -6.1965,  
27.5650

 196.1500,  
-17.3289, 51.6115

 0.0000, 0.0000,  
0.0000

 215.7780,  
-13.2016, 34.3977

 235.8790, -9.8003,

16.7691

253.8600, -4.3680,  
0.9998

72.0700, -15.8105,  
77.9916

72.0700, -15.8105,  
77.9916

60.9680, -17.7322,  
87.7281

83.1720, -13.8888,  
68.2552

49.8660, -19.6539,  
97.4645

94.2740, -11.9671,  
58.5187

49.1650, -19.8013,  
98.0793

105.4900, -9.6086,  
48.6823

116.5920, -7.6869,  
38.9458

128.2810, -6.0545,  
28.6946

■ 139.3830, -4.1328,  
18.9581

■ 150.5990, -1.7743,  
9.1217

■ 161.7010, 0.1474,  
-0.6148

■ 172.8030, 2.0691,  
-10.3512

# Harmonies

## Analogous

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



67.3460, 9.1964, 83.8886



72.0700, -15.8105, 77.9916



77.3680, -38.1424, 54.0513

# Triad

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



72.0700, -15.8105, 77.9916



62.8210, -15.6878, -55.0940



73.3500, 52.5785, -64.3280

# Complementary

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



72.0700, -15.8105, 77.9916



121.9300, 15.8105, -77.9916

# 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.



77.6240, 43.5694, -68.0762



72.0700, -15.8105, 77.9916



70.3960, 5.7208, -61.7373

# Square

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



72.0700, -15.8105, 77.9916



71.6230, -35.3101, -14.5784



75.8680, 26.6871, -66.5362



83.1400, 41.3430, -7.1388



# Rectangle

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



72.0700, -15.8105, 77.9916



79.2960, -39.0929, 32.1894



75.8680, 26.6871, -66.5362



76.0570, 50.2579, -66.7020

# Sweetspot

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



72.0700, -15.8105, 77.9916



174.2920, -6.0600, 30.4389



83.1730, 38.3687, 60.3613



83.4970, -3.6960, 18.8581



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



72.0700, -15.8105, 77.9916



70.7550, -24.5292, 121.2409



103.5570, -34.7846, 50.3775



75.8050, -0.8899, 5.4330



44.2670, -17.8796, 88.3428



5.4960, -2.2165, 10.9660



# Inverse Universe

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



72.0700, -15.8105, 77.9916



70.7550, -24.5292, 121.2409



90.4430, 34.7846, -50.3775



75.8050, -0.8899, 5.4330



44.2670, -17.8796, 88.3428



5.4960, -2.2165, 10.9660



# Previews

## White Background



This preview shows how the YUV color 72.0700, -15.8105, 77.9916 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

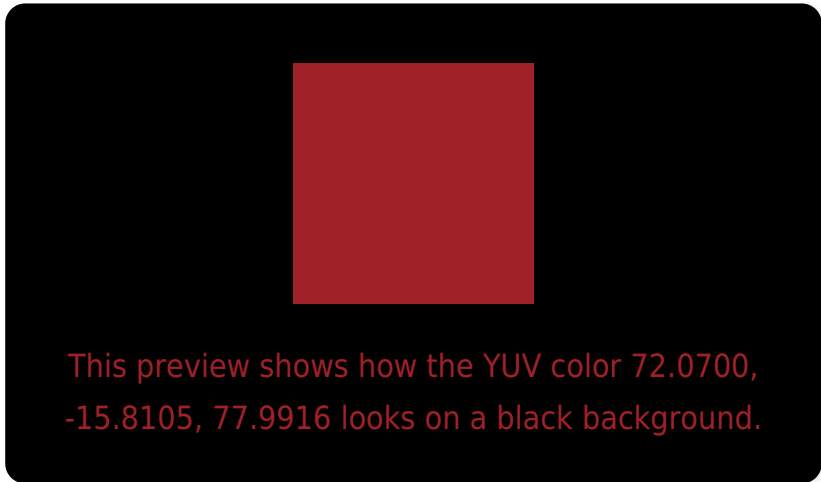
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 72.0700, -15.8105, 77.9916

## Background



This preview shows how black text looks on a background with the YUV color 72.0700, -15.8105, 77.9916.



This preview shows how white text looks on a background with the YUV color 72.0700, -15.8105,



# 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

72.0700, -15.8105, 77.9916

### Protanopia

83.7870, -13.6990, 7.2028

### Deuteranopia

82.7750, -25.5251, 20.3683



## Tritanopia

71.9730, -18.7207, 78.0767

# Trichromacy



## Original Color

72.0700, -15.8105, 77.9916

## Protanomaly

79.4250, -14.5065, 32.9533

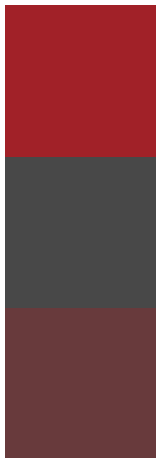
## Deuteranomaly

79.1180, -22.2432, 41.1155

## Tritanomaly

72.2010, -17.8471, 77.8767

# Monochromacy



## Original Color

72.0700, -15.8105, 77.9916

## Achromatopsia

72.0000, 0.0000, 0.0000

## Achromatomaly

71.9820, -5.9071, 28.0798

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 72.0700, -15.8105, 77.9916 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(161, 33, 40)` looks like.

```
.text, #text, p{  
    color:rgb(161, 33, 40)  
}
```

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(161, 33, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 33, 40) }
```

## Border

The CSS property to change the border of an element to YUV 72.0700, -15.8105, 77.9916 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(161, 33, 40) }
```



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

```
.border{ border-color:rgb(161, 33, 40) }
```

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

Here you see how a box with a 4 pixel rgb(161, 33, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 33, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 33, 40);  
box-shadow:4px 4px 4px 4px rgb(161, 33,  
40) }
```

# Background

The CSS property to change the background color of an element to YUV 72.0700, -15.8105, 77.9916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 33, 40) }
```

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

```
.background{ background-color: rgb(161, 33,  
40) }
```

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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