

# Converting Colors

YUV(121.4070, -44.0777,  
44.3701)

Have a look what the booklet for  
YUV(121.4070, -44.0777, 44.3701)  
contains.

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# Color

**YUV(121.4070, -44.0777,  
44.3701)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC7120
RGB	172, 113, 32
RGB Percent	67%, 44%, 13%
CMY	0.3255, 0.5569, 0.8745
CMYK	0.00, 0.34, 0.81, 0.33
HSL	35°, 69%, 40%
HSV	35°, 81%, 67%
XYZ	23.1791, 20.6852, 4.1375
YIQ	121.4070, 61.1650, -12.6830

# Conversions

## Conversions Part 2

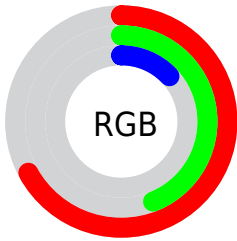
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 172, 32
Decimal	11301152
CIELab	52.60, 16.68, 51.04
CIELCh	53, 53.699, 71.902
Yxy	20.6852, 0.4829, 0.4309
Android (android.graphics.Color)	4289491232 (0xFFAC7120)
YUV	121.4070, -44.0777, 44.3701
Hunter-Lab	45.4810, 11.3797, 26.4430

# Details

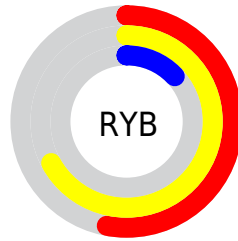
The YUV color **121.4070, -44.0777, 44.3701** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **82.5930, 44.0777, -44.3701**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.6850, -45.6937, 49.3883**, and **72.5400, -35.7622, 37.2374** is the 20% darker color. If you saturate the color by 10%, you get **115.3600, -49.4775, 49.6733**, and if you desaturate by 10%, it is **127.4540, -38.6778, 39.0668**.

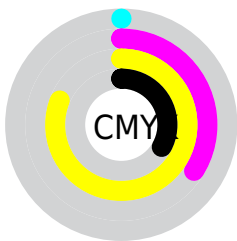
# Distribution



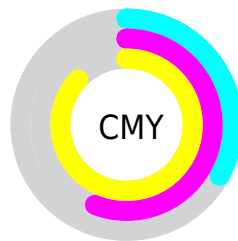
- Red (67%)
- Green (44%)
- Blue (13%)



- Red (53%)
- Yellow (67%)
- Blue (13%)



- Cyan (0%)
- Magenta (34%)
- Yellow (81%)
- Black (33%)



- Cyan (33%)
- Magenta (56%)
- Yellow (87%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 121.4070, -44.0777, 44.3701 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 121.4070, -44.0777, 44.3701 by changing the saturation by 10% instead.




 121.4070,  
-44.0777, 44.3701


 121.4070,  
-44.0777, 44.3701


255.0000, 0.0000,  
0.0000

 94.4130, -46.5456,  
42.6108


 175.6850,  
-45.6937, 49.3883


 72.5400, -35.7622,  
37.2374


 201.3750,  
-45.5409, 47.0291


 51.2540, -25.2682,  
31.3492

 220.8890,  
-41.8503, 29.9153

 30.8540, -15.2110,  
25.5610

 240.4030,  
-38.1597, 12.8016

 10.7640, -5.3067,  
22.1320

 247.5900,  
-28.3919, 6.4986

 0.0000, 0.0000,  
0.0000

 250.8960,

-15.7247, 3.5992

254.0880, -3.4944,  
0.7998

121.4070,  
-44.0777, 44.3701

121.4070,  
-44.0777, 44.3701

115.3600,  
-49.4775, 49.6733

127.4540,  
-38.6778, 39.0668

110.1280,  
-54.2931, 54.2617

133.5010,  
-33.2780, 33.7636

140.2490,  
-27.7308, 27.8456

146.2960,  
-22.3309, 22.5424

152.3430,  
-16.9311, 17.2392

■ 158.3900,  
-11.5313, 11.9360

■ 165.0240, -6.4208,  
6.1180

■ 171.1850, -0.5842,  
0.7148

■ 177.2320, 4.8156,  
-4.5885

# Harmonies

## Analogous

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



122.5020, -27.8555, 67.9657



121.4070, -44.0777, 44.3701



117.8130, -46.7428, 12.4420

# Triad

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



121.4070, -44.0777, 44.3701



103.1780, 19.6322, -90.4871



129.0140, 32.5311, 19.2817

# Complementary

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



121.4070, -44.0777, 44.3701



82.5930, 44.0777, -44.3701

# 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.



117.7330, 48.4456, -45.3698



121.4070, -44.0777, 44.3701



106.9060, 38.9933, -93.7566

# Square

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



121.4070, -44.0777, 44.3701



96.5320, -0.7553, -84.6586



105.2880, 53.1020, -92.3376



126.7450, 13.9297, 58.9826



# Rectangle

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



121.4070, -44.0777, 44.3701



114.8790, -36.9153, -13.0489



105.2880, 53.1020, -92.3376



127.8700, 37.5321, 1.8680

# Sweetspot

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



121.4070, -44.0777, 44.3701



205.0440, -16.7837, 16.6244



80.8140, 6.0077, 79.9701



100.1340, -9.9261, 10.4065



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



121.4070, -44.0777, 44.3701



144.9160, -69.4716, 69.3567



153.3490, -59.8251, 8.4639



83.6260, -2.7736, 2.9590



95.9190, -47.2881, 47.4290



14.5080, -7.1524, 7.4475



# Inverse Universe

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



82.5930, 44.0777, -44.3701



83.6710, 69.1822, -69.8715



50.6510, 59.8251, -8.4639



81.3740, 2.7736, -2.9590



54.0810, 47.2881, -47.4290



8.4920, 7.1524, -7.4475



# Previews

## White Background



This preview shows how the YUV color 121.4070, -44.0777, 44.3701 looks on a white 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



# Black Background



This preview shows how the YUV color 121.4070, -44.0777, 44.3701 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

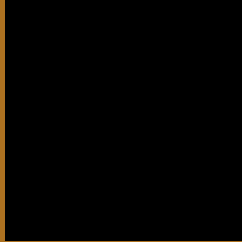
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 121.4070, -44.0777, 44.3701 Background



This preview shows how black text looks on a background with the YUV color 121.4070, -44.0777, 44.3701.



This preview shows how white text looks on a background with the YUV color 121.4070, -44.0777, 44.3701.



# 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

121.4070, -44.0777, 44.3701

### Protanopia

120.1110, -41.9597, 18.3197

### Deuteranopia

121.2870, -45.4975, 33.0743



## Tritanopia

127.1410, -6.9715, 42.8493

# Trichromacy



## Original Color

121.4070, -44.0777, 44.3701

## Protanomaly

120.3510, -42.5710, 27.7562

## Deuteranomaly

121.1350, -44.9296, 37.5926

## Tritanomaly

125.2970, -20.3594, 43.5895

# Monochromacy



## Original Color

121.4070, -44.0777, 44.3701

## Achromatopsia

121.0000, 0.0000, 0.0000

## Achromatomaly

121.2720, -15.9101, 16.4245

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.4070, -44.0777, 44.3701 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(172, 113, 32)` looks like.

```
.text, #text, p{  
    color:rgb(172, 113, 32)  
}
```

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(172, 113, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 113, 32) }
```

## Border

The CSS property to change the border of an element to YUV 121.4070, -44.0777, 44.3701 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(172, 113, 32) }
```



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

```
.border{ border-color:rgb(172, 113, 32) }
```

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

Here you see how a box with a 4 pixel rgb(172, 113, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 113, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 113, 32);  
box-shadow:4px 4px 4px 4px rgb(172, 113,  
32) }
```

# Background

The CSS property to change the background color of an element to YUV 121.4070, -44.0777, 44.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 113, 32) }
```

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

```
.background{ background-color: rgb(172,  
113, 32) }
```

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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