

# Converting Colors

YUV(147.1470, 24.0845,  
21.7961)

Have a look what the booklet for  
YUV(147.1470, 24.0845, 21.7961)  
contains.

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# Color

**YUV(147.1470, 24.0845,  
21.7961)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC7DC4
RGB	172, 125, 196
RGB Percent	67%, 49%, 77%
CMY	0.3255, 0.5098, 0.2314
CMYK	0.12, 0.36, 0.00, 0.23
HSL	280°, 38%, 63%
HSV	280°, 36%, 77%
XYZ	34.3107, 27.4234, 55.7094
YIQ	147.1470, 5.2210, 32.0450

# Conversions

## Conversions Part 2

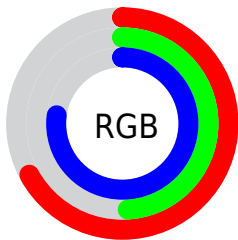
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 125, 196
Decimal	11304388
CIELab	59.36, 31.17, -30.02
CIELCh	59, 43.277, 316.071
Yxy	27.4234, 0.2921, 0.2335
Android (android.graphics.Color)	4289494468 (0xFFAC7DC4)
YUV	147.1470, 24.0845, 21.7961
Hunter-Lab	52.3674, 25.3089, -26.4167

# Details

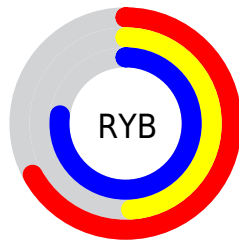
The YUV color **147.1470, 24.0845, 21.7961** is a light color, and the websafe version is hex **996699**. A complement of this color would be **173.8530, -24.0845, -21.7961**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5000, 25.3895, 23.2405**, and **95.4950, 22.9270, 19.7369** is the 20% darker color. If you saturate the color by 10%, you get **133.3140, 30.9042, 27.7886**, and if you desaturate by 10%, it is **160.9800, 17.2649, 15.8035**.

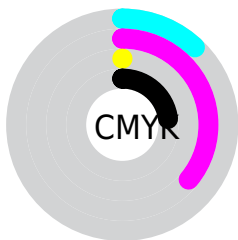
# Distribution



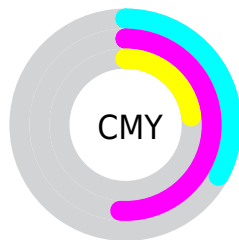
- Red (67%)
- Green (49%)
- Blue (77%)



- Red (67%)
- Yellow (49%)
- Blue (77%)



- Cyan (12%)
- Magenta (36%)
- Yellow (0%)
- Black (23%)



- Cyan (33%)
- Magenta (51%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 147.1470, 24.0845, 21.7961 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 147.1470, 24.0845, 21.7961 by changing the saturation by 10% instead.



147.1470, 24.0845,  
21.7961

147.1470, 24.0845,  
21.7961

255.0000, 0.0000,  
0.0000

121.3210, 23.5057,  
20.7665

201.5000, 25.3895,  
23.2405

95.4950, 22.9270,  
19.7369

226.2370, 14.1802,  
25.2252

70.9680, 22.2008,  
19.3221

242.6730, 6.0772,  
10.8108

47.1420, 21.6220,  
18.2925

23.7290, 21.3326,  
17.7777

12.9040, 15.8233,  
11.4852

3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,  
0.0000

■ 147.1470, 24.0845,  
21.7961

■ 147.1470, 24.0845,  
21.7961

■ 133.3140, 30.9042,  
27.7886

■ 160.9800, 17.2649,  
15.8035

■ 120.3670, 37.2871,  
33.8811

■ 173.9270, 10.8820,  
9.7110

■ 106.5340, 44.1067,  
39.8737

■ 187.7600, 4.0623,  
3.7185

■ 93.2880, 50.6370,  
45.3514

■ 201.0060, -2.4680,  
-1.7593

■ 79.7540, 57.3093,  
51.9587

■ 214.5400, -9.1402,  
-8.3666

65.9210, 64.1289,  
57.9513

228.3730,  
-15.9599, -14.3591

61.2140, 66.4495,  
60.3253

237.2110,  
-20.3170, -16.8480

239.3040,  
-21.3489, -12.5446

241.3970,  
-22.3807, -8.2412

# Harmonies

## Analogous

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



141.7870, 36.5870, -21.7382



147.1470, 24.0845, 21.7961



146.0940, 7.8417, 51.6606

# Triad

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



147.1470, 24.0845, 21.7961



141.1160, -36.0462, 34.9783



113.6760, 24.3167, -99.6939

# Complementary

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



147.1470, 24.0845, 21.7961



173.8530, -24.0845, -21.7961

# 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.



120.1900, 1.3853, -71.2036



147.1470, 24.0845, 21.7961



137.5810, -34.7964, 7.3835

# Square

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



147.1470, 24.0845, 21.7961



142.8810, -26.0703, 55.3554



132.4010, -21.8897, -25.7847



116.3780, 39.7466, -102.0635



# Rectangle

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



147.1470, 24.0845, 21.7961



144.7610, -3.8262, 60.7226



132.4010, -21.8897, -25.7847



112.1940, 18.6384, -98.3941

# Sweetspot

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



147.1470, 24.0845, 21.7961



235.8730, 9.4296, 8.8814



147.7690, 23.7779, -19.9684



116.2270, 5.8041, 5.0629



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.



147.1470, 24.0845, 21.7961



179.3670, 37.2871, 33.8811



153.0690, 15.7420, 37.6505



90.2330, 3.3361, 3.3037



50.0480, 54.6993, 49.0699



10.3400, 11.1714, 10.2258



# Inverse Universe

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



148.9650, 0.0173, 41.2497



182.1080, -0.0532, 63.9263



167.9310, -15.7420, -37.6505



90.3320, -0.1637, 5.8478



54.2950, -0.1454, 93.5803

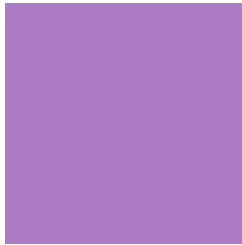


11.1210, -0.0597, 19.1879



# Previews

## White Background



This preview shows how the YUV color 147.1470, 24.0845, 21.7961 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

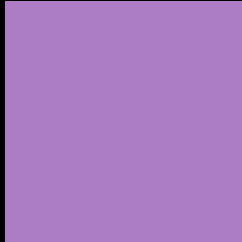
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 147.1470, 24.0845, 21.7961 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

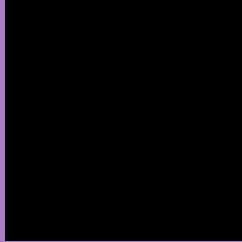
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 147.1470, 24.0845, 21.7961

## Background



This preview shows how black text looks on a background with the YUV color 147.1470, 24.0845, 21.7961.



This preview shows how white text looks on a background with the YUV color 147.1470, 24.0845, 21.7961.

21.7961.

# 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

147.1470, 24.0845, 21.7961

### Protanopia

142.7720, 32.6504, -19.0940

### Deuteranopia

143.3400, 24.4824, -12.5762



## Tritanopia

144.9250, 0.5300, 16.7288

# Trichromacy



## Original Color

147.1470, 24.0845, 21.7961

## Protanomaly

144.3610, 29.4020, -3.8246

## Deuteranomaly

144.7160, 24.2970, 0.2491

## Tritanomaly

145.5260, 9.1077, 18.8327

# Monochromacy



## Original Color

147.1470, 24.0845, 21.7961

## Achromatopsia

147.0000, 0.0000, 0.0000

## Achromatomaly

147.0470, 8.8508, 7.8518

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 147.1470, 24.0845, 21.7961 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, 125, 196)` looks like.

```
.text, #text, p{  
    color:rgb(172, 125, 196)  
}
```

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, 125, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 125, 196) }
```

## Border

The CSS property to change the border of an element to YUV 147.1470, 24.0845, 21.7961 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, 125, 196) }
```



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

```
.border{ border-color:rgb(172, 125, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 125, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 125, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 125, 196);  
box-shadow:4px 4px 4px 4px rgb(172, 125,  
196) }
```

# Background

The CSS property to change the background color of an element to YUV 147.1470, 24.0845, 21.7961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 125, 196) }
```

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

```
.background{ background-color: rgb(172,  
125, 196) }
```

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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