

# Converting Colors

YUV(121.3160, 21.0432,  
17.2629)

Have a look what the booklet for  
YUV(121.3160, 21.0432, 17.2629)  
contains.

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# Color

**YUV(121.3160, 21.0432,  
17.2629)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D67A4
RGB	141, 103, 164
RGB Percent	55%, 40%, 64%
CMY	0.4471, 0.5961, 0.3569
CMYK	0.14, 0.37, 0.00, 0.36
HSL	277°, 25%, 52%
HSV	277°, 37%, 64%
XYZ	22.5356, 18.0436, 37.4170
YIQ	121.3160, 3.0670, 27.0270

# Conversions

## Conversions Part 2

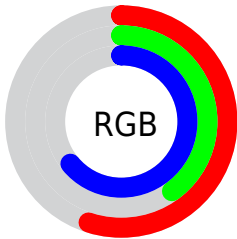
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	141, 103, 164
Decimal	9267108
CIE Lab	49.55, 26.93, -27.07
CIE LCh	50, 38.184, 314.847
Yxy	18.0436, 0.2889, 0.2313
Android (android.graphics.Color)	4287457188 (0xFF8D67A4)
YUV	121.3160, 21.0432, 17.2629
Hunter-Lab	42.4777, 20.3632, -22.4919

# Details

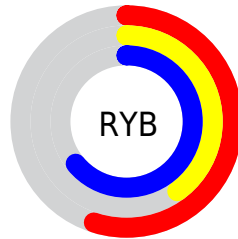
The YUV color **121.3160, 21.0432, 17.2629** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **145.6840, -21.0432, -17.2629**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2560, 22.0588, 18.1925**, and **71.9630, 19.7382, 15.8184** is the 20% darker color. If you saturate the color by 10%, you get **110.1300, 26.5579, 21.8110**, and if you desaturate by 10%, it is **132.5020, 15.5285, 12.7147**.

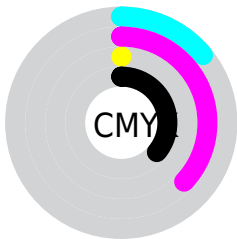
# Distribution



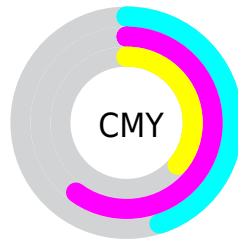
- Red (55%)
- Green (40%)
- Blue (64%)



- Red (55%)
- Yellow (40%)
- Blue (64%)



- Cyan (14%)
- Magenta (37%)
- Yellow (0%)
- Black (36%)



- Cyan (45%)
- Magenta (60%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.3160, 21.0432, 17.2629 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 121.3160, 21.0432, 17.2629 by changing the saturation by 10% instead.



121.3160, 21.0432,  
17.2629

121.3160, 21.0432,  
17.2629

255.0000, 0.0000,  
0.0000

96.4900, 20.4644,  
16.2333

174.2560, 22.0588,  
18.1925

71.9630, 19.7382,  
15.8184

202.0820, 22.6376,  
19.2221

48.1370, 19.1595,  
14.7889

227.4000, 13.6068,  
22.4512

25.4250, 19.0175,  
13.6593

245.0210, 4.9196,  
8.7516

11.9640, 14.8077,  
10.5556

2.7530, 8.0098,  
-2.4144

0.0000, 0.0000,

0.0000

■ 121.3160, 21.0432,  
17.2629

■ 121.3160, 21.0432,  
17.2629

■ 110.1300, 26.5579,  
21.8110

■ 132.5020, 15.5285,  
12.7147

■ 98.3570, 32.3620,  
26.8739

■ 144.2750, 9.7244,  
7.6518

■ 86.8720, 38.0241,  
30.8073

■ 155.7600, 4.0623,  
3.7185

■ 75.0990, 43.8282,  
35.8702

■ 167.5330, -1.7418,  
-1.3444

■ 63.9130, 49.3429,  
40.4183

■ 178.7190, -7.2565,  
-5.8926

■ 52.7270, 54.8576,  
44.9664

■ 189.9050,  
-12.7712, -10.4407

■ 49.1940, 56.5994,  
46.3109

■ 201.6780,  
-18.5753, -15.5036

■ 212.8640,  
-24.0900, -20.0517

■ 224.9360,  
-30.0414, -24.4999

# Harmonies

## Analogous

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



116.4190, 31.3454, -20.5385



121.3160, 21.0432, 17.2629



120.6260, 7.5794, 42.4240

# Triad

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



121.3160, 21.0432, 17.2629



115.8750, -30.5044, 30.8046



93.8200, 19.3157, -82.2801

# Complementary

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



121.3160, 21.0432, 17.2629



145.6840, -21.0432, -17.2629

# 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.



98.7400, 0.6212, -59.4080



121.3160, 21.0432, 17.2629



113.2480, -29.7023, 6.7985

# Square

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



121.3160, 21.0432, 17.2629



117.2760, -21.8281, 47.9929



109.1180, -19.2852, -21.1515



96.0660, 32.9985, -84.2499



# Rectangle

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



121.3160, 21.0432, 17.2629



119.0480, -2.4887, 51.7009



109.1180, -19.2852, -21.1515



92.5660, 14.5110, -81.1804

# Sweetspot

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



121.3160, 21.0432, 17.2629



197.8080, 7.9827, 6.3074



123.4550, 19.9887, -17.9390



97.2870, 4.7885, 4.1333



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000



# Same Dimension

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



121.3160, 21.0432, 17.2629



146.8840, 33.0882, 27.2887



127.3950, 14.5953, 32.1026



75.8200, 3.0467, 2.7889



43.7390, 49.9217, 41.4479



5.3410, 6.2409, 4.9629



# Inverse Universe

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



123.8610, 1.0545, 35.2019



150.8080, 1.5737, 55.4194



139.6050, -14.5953, -32.1026



76.1470, 0.4205, 5.1331



49.6250, 2.6499, 83.6439



6.1800, 0.4043, 10.3661



# Previews

## White Background



This preview shows how the YUV color 121.3160, 21.0432, 17.2629 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

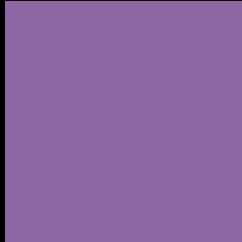
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 121.3160, 21.0432, 17.2629 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 121.3160, 21.0432, 17.2629

## Background



This preview shows how black text looks on a background with the YUV color 121.3160, 21.0432, 17.2629.



This preview shows how white text looks on a background with the YUV color 121.3160, 21.0432,



# 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

121.3160, 21.0432, 17.2629

### Protanopia

117.3440, 28.4244, -16.9647

### Deuteranopia

117.8410, 21.2774, -11.2616



## Tritanopia

119.6040, 0.6882, 12.6253

# Trichromacy



## Original Color

121.3160, 21.0432, 17.2629

## Protanomaly

118.7370, 25.7657, -4.1543

## Deuteranomaly

118.9070, 21.2448, -0.7954

## Tritanomaly

120.5640, 8.1029, 14.4144

# Monochromacy



## Original Color

121.3160, 21.0432, 17.2629

## Achromatopsia

121.0000, 0.0000, 0.0000

## Achromatomaly

120.8080, 7.9827, 6.3074

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.3160, 21.0432, 17.2629 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(141, 103, 164)` looks like.

```
.text, #text, p{  
    color:rgb(141, 103, 164)  
}
```

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(141, 103, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 103, 164) }
```

## Border

The CSS property to change the border of an element to YUV 121.3160, 21.0432, 17.2629 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(141, 103, 164) }
```



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

```
.border{ border-color:rgb(141, 103, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 103, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 103, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 103, 164);  
box-shadow:4px 4px 4px 4px rgb(141, 103,  
164) }
```

# Background

The CSS property to change the background color of an element to YUV 121.3160, 21.0432, 17.2629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 103, 164) }
```

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

```
.background{ background-color: rgb(141,  
103, 164) }
```

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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