

# Converting Colors

YUV(124.0560, 22.1574,  
33.2769)

Have a look what the booklet for  
YUV(124.0560, 22.1574, 33.2769)  
contains.

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# Color

**YUV(124.0560, 22.1574,  
33.2769)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A260A9
RGB	162, 96, 169
RGB Percent	64%, 38%, 66%
CMY	0.3647, 0.6235, 0.3373
CMYK	0.04, 0.43, 0.00, 0.34
HSL	294°, 30%, 52%
HSV	294°, 43%, 66%
XYZ	26.2446, 18.9117, 39.8032
YIQ	124.0560, 15.9030, 36.6950

# Conversions

## Conversions Part 2

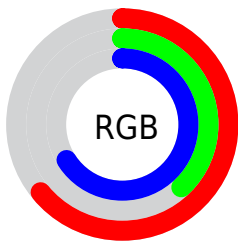
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 96, 169
Decimal	10641577
CIE <sub>Lab</sub>	50.58, 38.59, -28.20
CIE <sub>LCh</sub>	51, 47.799, 323.838
Yxy	18.9117, 0.3089, 0.2226
Android (android.graphics.Color)	4288831657 (0xFFA260A9)
YUV	124.0560, 22.1574, 33.2769
Hunter-Lab	43.4876, 31.6208, -23.8255

# Details

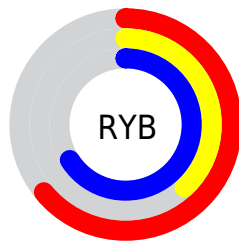
The YUV color **124.0560, 22.1574, 33.2769** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **140.9440, -22.1574, -33.2769**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5940, 22.8782, 35.4361**, and **72.9310, 21.7260, 31.6325** is the 20% darker color. If you saturate the color by 10%, you get **113.4790, 27.3719, 40.7989**, and if you desaturate by 10%, it is **134.6330, 16.9429, 25.7549**.

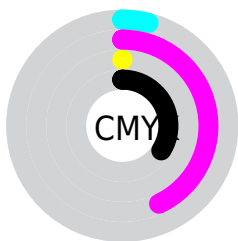
# Distribution



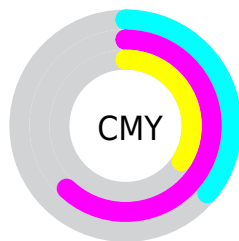
- Red (64%)
- Green (38%)
- Blue (66%)



- Red (64%)
- Yellow (38%)
- Blue (66%)



- Cyan (4%)
- Magenta (43%)
- Yellow (0%)
- Black (34%)



- Cyan (36%)
- Magenta (62%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 124.0560, 22.1574, 33.2769 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 124.0560, 22.1574, 33.2769 by changing the saturation by 10% instead.



124.0560, 22.1574,  
33.2769

124.0560, 22.1574,  
33.2769

255.0000, 0.0000,  
0.0000

98.2300, 21.5786,  
32.2473

177.5940, 22.8782,  
35.4361

72.9310, 21.7260,  
31.6325

205.4200, 23.4569,  
36.4657

47.6320, 21.8734,  
31.0177

224.4760, 15.0483,  
26.7695

25.0940, 21.1527,  
28.8586

241.4990, 6.6560,  
11.8404

16.6060, 14.4912,  
18.7625

3.2090, 9.7570,  
-2.8143

0.0000, 0.0000,

0.0000

■ 124.0560, 22.1574,  
33.2769

■ 124.0560, 22.1574,  
33.2769

■ 113.4790, 27.3719,  
40.7989

■ 134.6330, 16.9429,  
25.7549

■ 103.2010, 32.4389,  
48.9357

■ 144.9110, 11.8759,  
17.6181

■ 92.6240, 37.6534,  
56.4578

■ 155.4880, 6.6614,  
10.0960

■ 82.3460, 42.7204,  
64.5946

■ 165.7660, 1.5944,  
1.9592

■ 72.3560, 47.6455,  
71.6018

■ 175.7560, -3.3307,  
-5.0480

■ 65.0130, 51.2656,  
77.1646

■ 186.3330, -8.5452,  
-12.5700

■ 196.6110,  
-13.6122, -20.7068

■ 207.1880,  
-18.8267, -28.2289

■ 217.7650,  
-24.0411, -35.7509

# Harmonies

## Analogous

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



120.5540, 36.7019, -11.8869



124.0560, 22.1574, 33.2769



121.0520, 4.9044, 60.4674

# Triad

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



124.0560, 22.1574, 33.2769



116.2310, -40.5399, 29.6154



99.5080, 25.8786, -87.2685

# Complementary

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



124.0560, 22.1574, 33.2769



140.9440, -22.1574, -33.2769

# 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.



94.7200, 7.5330, -83.0694



124.0560, 22.1574, 33.2769



112.8850, -35.9323, -1.6531

# Square

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



124.0560, 22.1574, 33.2769



118.4910, -31.3011, 53.0664



105.1540, -17.3309, -41.3541



100.9220, 41.4505, -88.5086



# Rectangle

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



124.0560, 22.1574, 33.2769



119.3550, -8.0630, 66.3407



105.1540, -17.3309, -41.3541



98.0260, 20.2002, -85.9688

# Sweetspot

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



124.0560, 22.1574, 33.2769



201.9660, 8.3978, 13.1848



108.4310, 29.8605, -10.9020



98.8360, 5.5039, 8.0368



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



124.0560, 22.1574, 33.2769



148.7930, 34.6121, 51.9245



122.8430, 8.4584, 40.4797



79.0050, 2.4625, 3.5036



56.9380, 44.8936, 67.5834



7.6620, 6.0826, 9.0664



# Inverse Universe

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



118.6250, -7.7031, 44.1789



140.3400, -11.9996, 68.9848



142.1570, -8.4584, -40.4797



78.5060, -0.7425, 4.8182



45.8480, -15.7011, 89.5873

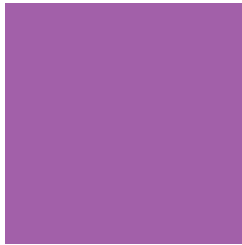


6.2080, -2.0745, 12.0956



# Previews

## White Background



This preview shows how the YUV color 124.0560, 22.1574, 33.2769 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

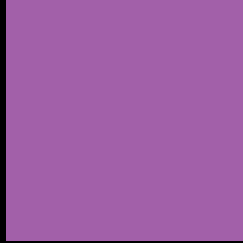
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 124.0560, 22.1574, 33.2769 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

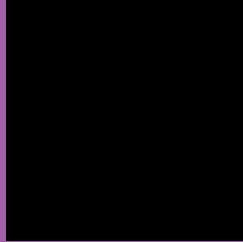
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 124.0560, 22.1574, 33.2769

## Background



This preview shows how black text looks on a background with the YUV color 124.0560, 22.1574, 33.2769.



This preview shows how white text looks on a background with the YUV color 124.0560, 22.1574, 33.2769.



# 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

124.0560, 22.1574, 33.2769

### Protanopia

119.9890, 33.5294, -21.0384

### Deuteranopia

120.9550, 21.7142, -11.3615



## Tritanopia

122.9650, -3.4337, 28.0947

# Trichromacy



## Original Color

124.0560, 22.1574, 33.2769

## Protanomaly

121.6710, 29.2492, -1.4655

## Deuteranomaly

122.3530, 21.5180, 4.9524

## Tritanomaly

123.6800, 5.5808, 30.0986

# Monochromacy



## Original Color

124.0560, 22.1574, 33.2769

## Achromatopsia

124.0000, 0.0000, 0.0000

## Achromatomaly

124.1400, 7.8190, 12.1552

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.0560, 22.1574, 33.2769 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(162, 96, 169)` looks like.

```
.text, #text, p{  
    color:rgb(162, 96, 169)  
}
```

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(162, 96, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 96, 169) }
```

## Border

The CSS property to change the border of an element to YUV 124.0560, 22.1574, 33.2769 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(162, 96, 169) }
```



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

```
.border{ border-color:rgb(162, 96, 169) }
```

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

Here you see how a box with a 4 pixel rgb(162, 96, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 96, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 96, 169);  
box-shadow:4px 4px 4px 4px rgb(162, 96,  
169) }
```

# Background

The CSS property to change the background color of an element to YUV 124.0560, 22.1574, 33.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 96, 169) }
```

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

```
.background{ background-color: rgb(162, 96,  
169) }
```

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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