

# Converting Colors

YUV(124.1580, 24.0791,  
23.5404)

Have a look what the booklet for  
YUV(124.1580, 24.0791, 23.5404)  
contains.

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# Color

**YUV(124.1580, 24.0791,  
23.5404)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9765AD
RGB	151, 101, 173
RGB Percent	59%, 40%, 68%
CMY	0.4078, 0.6039, 0.3216
CMYK	0.13, 0.42, 0.00, 0.32
HSL	282°, 31%, 54%
HSV	282°, 42%, 68%
XYZ	24.9590, 18.9038, 41.8685
YIQ	124.1580, 6.6880, 32.9920

# Conversions

## Conversions Part 2

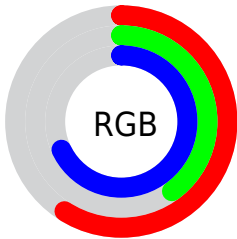
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 101, 173
Decimal	9921965
CIE <sub>Lab</sub>	50.57, 33.23, -30.65
CIE <sub>LCh</sub>	51, 45.205, 317.306
Yxy	18.9038, 0.2911, 0.2205
Android (android.graphics.Color)	4288112045 (0xFF9765AD)
YUV	124.1580, 24.0791, 23.5404
Hunter-Lab	43.4785, 26.3813, -26.6595

# Details

The YUV color **124.1580, 24.0791, 23.5404** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **149.8420, -24.0791, -23.5404**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5110, 25.3841, 24.9849**, and **73.5060, 22.9215, 21.4812** is the 20% darker color. If you saturate the color by 10%, you get **112.6840, 29.7358, 29.2181**, and if you desaturate by 10%, it is **135.6320, 18.4224, 17.8627**.

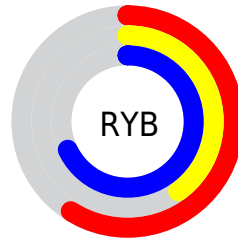
# Distribution



Red (59%)

Green (40%)

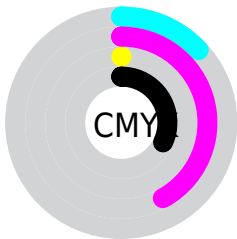
Blue (68%)



Red (59%)

Yellow (40%)

Blue (68%)

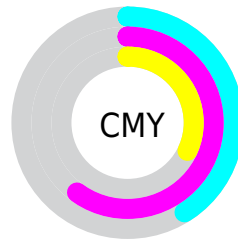


Cyan (13%)

Magenta (42%)

Yellow (0%)

Black (32%)



Cyan (41%)

Magenta (60%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 124.1580, 24.0791, 23.5404 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 124.1580, 24.0791, 23.5404 by changing the saturation by 10% instead.



124.1580, 24.0791,  
23.5404

124.1580, 24.0791,  
23.5404

255.0000, 0.0000,  
0.0000

98.3320, 23.5003,  
22.5108

177.5110, 25.3841,  
24.9849

73.5060, 22.9215,  
21.4812

204.9950, 24.6525,  
26.3144

49.6800, 22.3428,  
20.4516

227.4110, 13.6014,  
24.1956

25.0930, 22.6322,  
20.9664

243.8470, 5.4984,  
9.7812

14.5560, 16.9809,  
13.5444

3.6650, 11.5042,  
-3.2142

0.0000, 0.0000,

0.0000

124.1580, 24.0791,  
23.5404

124.1580, 24.0791,  
23.5404

112.6840, 29.7358,  
29.2181

135.6320, 18.4224,  
17.8627

100.3240, 35.8293,  
34.7959

147.9920, 12.3289,  
12.2850

88.8500, 41.4860,  
40.4736

159.4660, 6.6723,  
6.6073

77.3760, 47.1426,  
46.1512

170.9400, 1.0156,  
0.9296

65.3150, 53.0887,  
52.3437

183.0010, -4.9305,  
-5.2629

55.6020, 57.8772,  
56.4770

194.7740,  
-10.7346, -10.3258

■ 206.2480,  
-16.3913, -16.0035

■ 217.7220,  
-22.0479, -21.6812

■ 228.9080,  
-27.5626, -26.2293

# Harmonies

## Analogous

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



118.6020, 37.1712, -22.4530



124.1580, 24.0791, 23.5404



122.1050, 7.8362, 53.4049

# Triad

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



124.1580, 24.0791, 23.5404



117.7630, -37.3512, 33.5338



97.7810, 21.8000, -85.7539

# Complementary

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



124.1580, 24.0791, 23.5404



149.8420, -24.0791, -23.5404

# 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.



92.6340, 4.6174, -81.2400



124.1580, 24.0791, 23.5404



114.0430, -35.5172, 5.2243

# Square

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



124.1580, 24.0791, 23.5404



119.0550, -26.6491, 54.3258



108.9060, -21.1527, -28.8586



100.4830, 37.2299, -88.1236



# Rectangle

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



124.1580, 24.0791, 23.5404



120.3590, -4.1210, 61.9522



108.9060, -21.1527, -28.8586



96.2990, 16.1216, -84.4542

# Sweetspot

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



124.1580, 24.0791, 23.5404



205.7590, 8.9928, 8.9814



122.7090, 24.7935, -19.0388



101.1130, 5.3673, 5.1629



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.



124.1580, 24.0791, 23.5404



148.0900, 37.4236, 36.7551



129.2540, 15.1578, 38.3652



80.8200, 3.0467, 2.7889



48.1960, 50.1894, 48.9401



7.4060, 7.6878, 7.5369



# Inverse Universe

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



125.0360, -1.0037, 42.0644



149.3640, -1.6585, 65.4558



144.7460, -15.1578, -38.3652



81.0330, -0.0163, 5.2331



50.0940, -2.0183, 87.6176



7.6750, -0.3328, 13.4400



# Previews

## White Background



This preview shows how the YUV color 124.1580, 24.0791, 23.5404 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

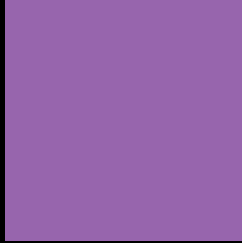
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 124.1580, 24.0791, 23.5404 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

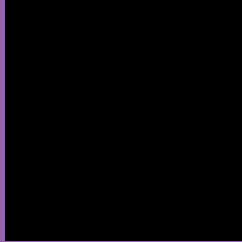
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 124.1580, 24.0791, 23.5404

## Background



This preview shows how black text looks on a background with the YUV color 124.1580, 24.0791, 23.5404.



This preview shows how white text looks on a background with the YUV color 124.1580, 24.0791, 23.5404.



# 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

124.1580, 24.0791, 23.5404

### Protanopia

119.1030, 33.9662, -21.1383

### Deuteranopia

120.2150, 24.0510, -14.2206



## Tritanopia

122.2950, -0.6384, 18.1583

# Trichromacy



## Original Color

124.1580, 24.0791, 23.5404

## Protanomaly

120.9910, 30.5704, -5.2541

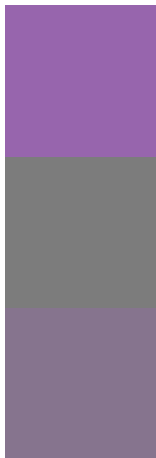
## Deuteranomaly

121.3030, 24.0076, -0.2657

## Tritanomaly

123.0100, 8.3761, 20.1622

# Monochromacy



## Original Color

124.1580, 24.0791, 23.5404

## Achromatopsia

124.0000, 0.0000, 0.0000

## Achromatomaly

124.3460, 8.7034, 8.4666

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.1580, 24.0791, 23.5404 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(151, 101, 173)` looks like.

```
.text, #text, p{  
    color:rgb(151, 101, 173)  
}
```

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(151, 101, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 101, 173) }
```

## Border

The CSS property to change the border of an element to YUV 124.1580, 24.0791, 23.5404 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(151, 101, 173) }
```



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

```
.border{ border-color:rgb(151, 101, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 101, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 101, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 101, 173);  
box-shadow:4px 4px 4px 4px rgb(151, 101,  
173) }
```

# Background

The CSS property to change the background color of an element to YUV 124.1580, 24.0791, 23.5404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 101, 173) }
```

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

```
.background{ background-color: rgb(151,  
101, 173) }
```

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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