

# Converting Colors

YUV(121.1220, 15.2229,  
17.4330)

Have a look what the booklet for  
YUV(121.1220, 15.2229, 17.4330)  
contains.

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# Color

**YUV(121.1220, 15.2229,  
17.4330)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D6998
RGB	141, 105, 152
RGB Percent	55%, 41%, 60%
CMY	0.4471, 0.5882, 0.4039
CMYK	0.07, 0.31, 0.00, 0.40
HSL	286°, 19%, 50%
HSV	286°, 31%, 60%
XYZ	21.7036, 18.0329, 32.0426
YIQ	121.1220, 6.3690, 22.2490

# Conversions

## Conversions Part 2

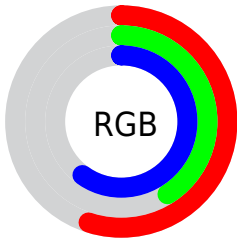
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 105, 152
Decimal	9267608
CIE <sub>Lab</sub>	49.54, 23.13, -20.04
CIE <sub>LCh</sub>	50, 30.601, 319.094
Yxy	18.0329, 0.3024, 0.2512
Android (android.graphics.Color)	4287457688 (0xFF8D6998)
YUV	121.1220, 15.2229, 17.4330
Hunter-Lab	42.4651, 16.9159, -15.0124

# Details

The YUV color **121.1220, 15.2229, 17.4330** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **135.8780, -15.2229, -17.4330**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9480, 15.8016, 18.4626**, and **71.8830, 14.3547, 15.8886** is the 20% darker color. If you saturate the color by 10%, you get **111.1210, 20.1533, 22.6959**, and if you desaturate by 10%, it is **131.1230, 10.2924, 12.1701**.

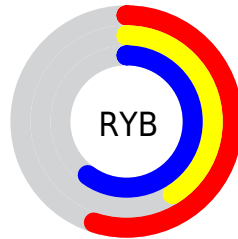
# Distribution



Red (55%)

Green (41%)

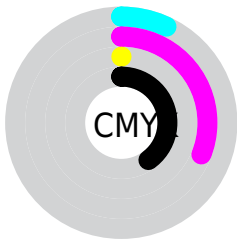
Blue (60%)



Red (55%)

Yellow (41%)

Blue (60%)

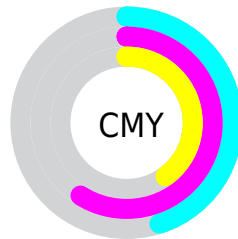


Cyan (7%)

Magenta (31%)

Yellow (0%)

Black (40%)



Cyan (45%)

Magenta (59%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.1220, 15.2229, 17.4330 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 121.1220, 15.2229, 17.4330 by changing the saturation by 10% instead.



121.1220, 15.2229,  
17.4330

121.1220, 15.2229,  
17.4330

255.0000, 0.0000,  
0.0000

96.2960, 14.6441,  
16.4034

173.9480, 15.8016,  
18.4626

71.8830, 14.3547,  
15.8886

201.4750, 16.5278,  
18.8774

49.0570, 13.7759,  
14.8590

228.2750, 13.1754,  
20.8068

26.6440, 13.4865,  
14.3442

246.1950, 4.3409,  
7.7220

11.2370, 10.7292,  
12.0702

0.5700, 2.1840,  
-0.4999

0.0000, 0.0000,

0.0000

121.1220, 15.2229,  
17.4330

121.1220, 15.2229,  
17.4330

111.1210, 20.1533,  
22.6959

131.1230, 10.2924,  
12.1701

101.4190, 24.9364,  
28.5735

140.8250, 5.5093,  
6.2925

90.8310, 30.1563,  
34.3512

151.4130, 0.2894,  
0.5148

81.1290, 34.9394,  
40.2289

161.1150, -4.4937,  
-5.3629

71.1280, 39.8699,  
45.4917

171.1160, -9.4242,  
-10.6257

61.4260, 44.6530,  
51.3694

180.8180,  
-14.2073, -16.5034

■ 52.0120, 49.2941,  
56.1175

■ 190.8190,  
-19.1378, -21.7663

■ 201.1080,  
-24.2102, -28.1587

■ 211.1090,  
-29.1407, -33.4216

# Harmonies

## Analogous

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



118.2370, 24.0402, -10.7318



121.1220, 15.2229, 17.4330



120.5560, 3.6699, 36.3464

# Triad

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



121.1220, 15.2229, 17.4330



116.7260, -24.5149, 23.0423



92.1730, 20.6207, -80.8357

# Complementary

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



121.1220, 15.2229, 17.4330



135.8780, -15.2229, -17.4330

# 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.



104.9420, 1.0146, -45.5531



121.1220, 15.2229, 17.4330



114.0610, -22.7081, 3.4545

# Square

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



121.1220, 15.2229, 17.4330



118.3070, -18.8854, 37.4418



110.9100, -13.7596, -20.0921



93.5070, 30.8090, -82.0056



# Rectangle

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



121.1220, 15.2229, 17.4330



119.8250, -4.3507, 42.2495



110.9100, -13.7596, -20.0921



98.0130, 13.3046, -67.5404

# Sweetspot

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



121.1220, 15.2229, 17.4330



184.8250, 5.5093, 6.2925



117.4020, 17.0568, -10.8766



92.5320, 3.1887, 3.9184



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000



# Same Dimension

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



121.1220, 15.2229, 17.4330



148.6530, 23.3421, 26.6143



123.0430, 8.3598, 25.3953



71.7060, 2.6099, 2.8888



47.9530, 45.3792, 51.7842



4.4720, 4.2043, 4.8481



# Inverse Universe

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



120.3070, -2.1234, 27.7948



147.4660, -3.1877, 42.5643



133.9570, -8.3598, -25.3953



71.6200, -0.3057, 4.7183



45.6220, -6.2226, 82.7695

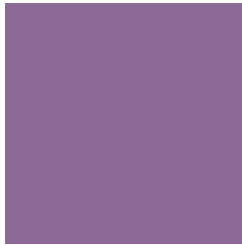


4.2290, -0.6059, 7.6922



# Previews

## White Background



This preview shows how the YUV color 121.1220, 15.2229, 17.4330 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 121.1220, 15.2229, 17.4330 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

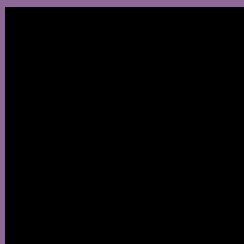
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 121.1220, 15.2229, 17.4330

## Background



This preview shows how black text looks on a background with the YUV color 121.1220, 15.2229, 17.4330.



This preview shows how white text looks on a background with the YUV color 121.1220, 15.2229,



# 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

121.1220, 15.2229, 17.4330

### Protanopia

117.8410, 21.2774, -11.2616

### Deuteranopia

118.9790, 15.2934, -5.2436



## Tritanopia

119.5010, 0.2460, 14.4696

# Trichromacy



## Original Color

121.1220, 15.2229, 17.4330

## Protanomaly

119.0380, 19.2083, -0.9103

## Deuteranomaly

119.7350, 15.4136, 2.8634

## Tritanomaly

120.2930, 5.7716, 15.5290

# Monochromacy



## Original Color

121.1220, 15.2229, 17.4330

## Achromatopsia

121.0000, 0.0000, 0.0000

## Achromatomaly

120.8250, 5.5093, 6.2925

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.1220, 15.2229, 17.4330 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, 105, 152)` looks like.

```
.text, #text, p{  
    color:rgb(141, 105, 152)  
}
```

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, 105, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 105, 152) }
```

## Border

The CSS property to change the border of an element to YUV 121.1220, 15.2229, 17.4330 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, 105, 152) }
```



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

```
.border{ border-color:rgb(141, 105, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 105, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 105, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 105, 152);  
box-shadow:4px 4px 4px 4px rgb(141, 105,  
152) }
```

# Background

The CSS property to change the background color of an element to YUV 121.1220, 15.2229, 17.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 105, 152) }
```

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

```
.background{ background-color: rgb(141,  
105, 152) }
```

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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