

# Converting Colors

YUV(120.9540, 13.3337,  
16.7033)

Have a look what the booklet for  
YUV(120.9540, 13.3337, 16.7033)  
contains.

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# Color

**YUV(120.9540, 13.3337,  
16.7033)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C6A94
RGB	140, 106, 148
RGB Percent	55%, 42%, 58%
CMY	0.4510, 0.5843, 0.4196
CMYK	0.05, 0.28, 0.00, 0.42
HSL	289°, 17%, 50%
HSV	289°, 28%, 58%
XYZ	21.3145, 18.0216, 30.3721
YIQ	120.9540, 6.7820, 20.2700

# Conversions

## Conversions Part 2

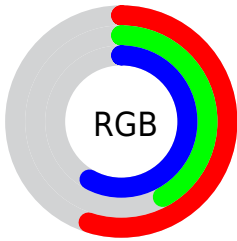
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	140, 106, 148
Decimal	9202324
CIE Lab	49.52, 21.35, -17.71
CIE LCh	50, 27.737, 320.326
Yxy	18.0216, 0.3058, 0.2585
Android (android.graphics.Color)	4287392404 (0xFF8C6A94)
YUV	120.9540, 13.3337, 16.7033
Hunter-Lab	42.4519, 15.3317, -12.7025

# Details

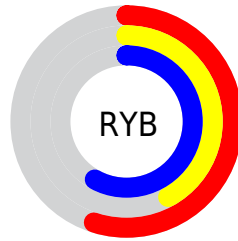
The YUV color **120.9540, 13.3337, 16.7033** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **133.0460, -13.3337, -16.7033**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7800, 13.9125, 17.7329**, and **71.7150, 12.4655, 15.1589** is the 20% darker color. If you saturate the color by 10%, you get **111.2520, 18.1168, 22.5810**, and if you desaturate by 10%, it is **130.6560, 8.5506, 10.8257**.

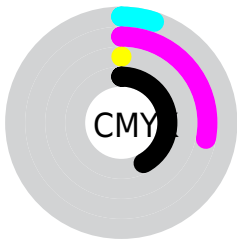
# Distribution



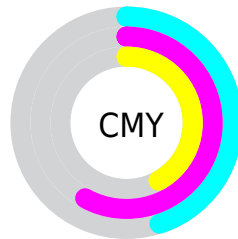
- Red (55%)
- Green (42%)
- Blue (58%)



- Red (55%)
- Yellow (42%)
- Blue (58%)



- Cyan (5%)
- Magenta (28%)
- Yellow (0%)
- Black (42%)



- Cyan (45%)
- Magenta (58%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 120.9540, 13.3337, 16.7033 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 120.9540, 13.3337, 16.7033 by changing the saturation by 10% instead.



120.9540, 13.3337,  
16.7033

120.9540, 13.3337,  
16.7033

255.0000, 0.0000,  
0.0000

96.1280, 12.7549,  
15.6737

173.7800, 13.9125,  
17.7329

71.7150, 12.4655,  
15.1589

201.1930, 14.2019,  
18.2477

48.8890, 11.8867,  
14.1293

228.5630, 13.0334,  
19.6772

27.1770, 11.7447,  
12.9998

246.7820, 4.0515,  
7.2072

10.5960, 9.5662,  
11.7553

0.0000, 0.0000,  
0.0000

120.9540, 13.3337,  
16.7033

120.9540, 13.3337,  
16.7033

111.2520, 18.1168,  
22.5810

130.6560, 8.5506,  
10.8257

101.5500, 22.8999,  
28.4587

140.3580, 3.7675,  
4.9480

92.7340, 27.2461,  
34.4363

149.1740, -0.5788,  
-1.0296

83.0320, 32.0292,  
40.3139

158.8760, -5.3619,  
-6.9073

73.3300, 36.8123,  
46.1916

168.5780,  
-10.1450, -12.7849

63.6280, 41.5954,  
52.0692

178.2800,  
-14.9280, -18.6626

53.9260, 46.3785,  
57.9469


187.9820,  
-19.7111, -24.5402

52.7520, 46.9573,

197.0970,

58.9765

-24.2048, -29.9031

 206.5000,  
-28.8405, -36.3955

# Harmonies

## Analogous

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



118.2760, 21.5559, -7.2581



120.9540, 13.3337, 16.7033



120.6050, 2.6597, 33.6724

# Triad

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



120.9540, 13.3337, 16.7033



116.8720, -22.6149, 20.2833



100.4420, 16.0511, -61.7776

# Complementary

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



120.9540, 13.3337, 16.7033



133.0460, -13.3337, -16.7033

# 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.



106.6760, 1.1457, -40.9349



120.9540, 13.3337, 16.7033



114.3320, -20.3767, 2.3398

# Square

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



120.9540, 13.3337, 16.7033



118.5130, -18.0009, 33.7531



111.3770, -12.0179, -18.7476



102.7440, 24.7762, -60.2885



# Rectangle

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



120.9540, 13.3337, 16.7033



120.2760, -5.0661, 38.3459



111.3770, -12.0179, -18.7476



102.5200, 11.0826, -54.8300

# Sweetspot

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



120.9540, 13.3337, 16.7033



180.1240, 5.3619, 6.9073



115.4840, 16.0304, -8.3175



89.9450, 3.4781, 4.4332



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



120.9540, 13.3337, 16.7033



149.2570, 20.5793, 26.0846



121.8640, 6.4760, 22.9213



69.5920, 2.1731, 2.9888



48.9210, 43.9159, 54.4433



3.5320, 3.1887, 3.9184



# Inverse Universe

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



119.4700, -2.6967, 25.0208



146.9170, -3.9031, 38.6608



132.1360, -6.4760, -22.9213



69.2070, -0.5951, 4.2035



44.2260, -8.9854, 82.2398

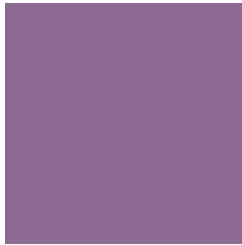


3.2180, -0.6005, 5.9478



# Previews

## White Background



This preview shows how the YUV color 120.9540, 13.3337, 16.7033 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

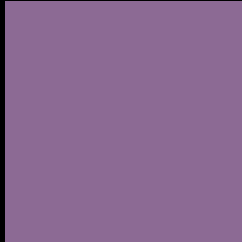
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 120.9540, 13.3337, 16.7033 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 120.9540, 13.3337, 16.7033

## Background



This preview shows how black text looks on a background with the YUV color 120.9540, 13.3337, 16.7033.



This preview shows how white text looks on a background with the YUV color 120.9540, 13.3337, 16.7033.



# 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

120.9540, 13.3337, 16.7033

### Protanopia

118.4560, 18.5092, -10.0469

### Deuteranopia

119.1210, 13.2513, -3.6141



## Tritanopia

119.5010, 0.2460, 14.4696

# Trichromacy



## Original Color

120.9540, 13.3337, 16.7033

## Protanomaly

119.3540, 16.5875, -0.3105

## Deuteranomaly

119.5780, 13.5190, 3.8781

## Tritanomaly

119.7660, 5.0454, 15.1142

# Monochromacy



## Original Color

120.9540, 13.3337, 16.7033

## Achromatopsia

121.0000, 0.0000, 0.0000

## Achromatomaly

121.2980, 4.7831, 5.8777

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 120.9540, 13.3337, 16.7033 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(140, 106, 148)` looks like.

```
.text, #text, p{  
    color:rgb(140, 106, 148)  
}
```

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(140, 106, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 106, 148) }
```

## Border

The CSS property to change the border of an element to YUV 120.9540, 13.3337, 16.7033 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(140, 106, 148) }
```



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

```
.border{ border-color:rgb(140, 106, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 106, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 106, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 106, 148);  
box-shadow:4px 4px 4px 4px rgb(140, 106,  
148) }
```

# Background

The CSS property to change the background color of an element to YUV 120.9540, 13.3337, 16.7033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 106, 148) }
```

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

```
.background{ background-color: rgb(140,  
106, 148) }
```

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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