

# Converting Colors

YUV(107.1170, 23.1133,  
53.3944)

Have a look what the booklet for  
YUV(107.1170, 23.1133, 53.3944)  
contains.

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# Color

**YUV(107.1170, 23.1133,  
53.3944)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A8439A
RGB	168, 67, 154
RGB Percent	66%, 26%, 60%
CMY	0.3412, 0.7373, 0.3961
CMYK	0.00, 0.60, 0.08, 0.34
HSL	308°, 43%, 46%
HSV	308°, 60%, 66%
XYZ	23.9883, 14.6722, 32.1395
YIQ	107.1170, 32.2690, 48.4690

# Conversions

## Conversions Part 2

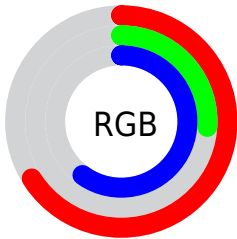
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 67, 154
Decimal	11027354
CIE <sub>Lab</sub>	45.18, 52.26, -27.68
CIE <sub>LCh</sub>	45, 59.140, 332.094
Yxy	14.6722, 0.3388, 0.2072
Android (android.graphics.Color)	4289217434 (0xFFA8439A)
YUV	107.1170, 23.1133, 53.3944
Hunter-Lab	38.3044, 44.7541, -22.9347

# Details

The YUV color **107.1170, 23.1133, 53.3944** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **127.8830, -23.1133, -53.3944**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.1280, 23.1079, 55.1387**, and **45.5290, 28.3332, 59.1721** is the 20% darker color. If you saturate the color by 10%, you get **96.9100, 27.1594, 62.3459**, and if you desaturate by 10%, it is **117.3240, 19.0673, 44.4429**.

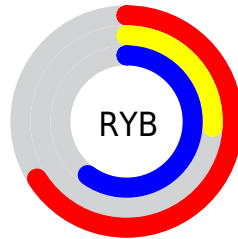
# Distribution



Red (66%)

Green (26%)

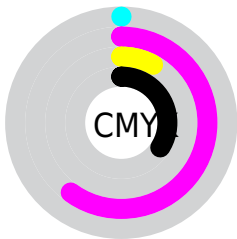
Blue (60%)



Red (66%)

Yellow (26%)

Blue (60%)

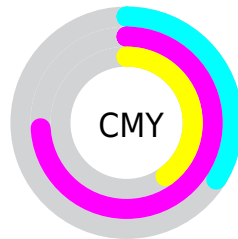


Cyan (0%)

Magenta (60%)

Yellow (8%)

Black (34%)



Cyan (34%)

Magenta (74%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 107.1170, 23.1133, 53.3944 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 107.1170, 23.1133, 53.3944 by changing the saturation by 10% instead.



107.1170, 23.1133,  
53.3944

107.1170, 23.1133,  
53.3944

255.0000, 0.0000,  
0.0000

79.3450, 23.9869,  
53.1944

162.1280, 23.1079,  
55.1387

45.5290, 28.3332,  
59.1721

190.1390, 23.1025,  
56.8831

34.6060, 21.3932,  
45.0725

208.6270, 22.8619,  
40.6691

24.5090, 15.0321,  
32.0026

225.0630, 14.7589,  
26.2547

14.5260, 9.1077,  
18.8327

242.0860, 6.3666,  
11.3256

0.5700, 2.1840,  
-0.4999

0.0000, 0.0000,

0.0000

■ 107.1170, 23.1133,  
53.3944

■ 107.1170, 23.1133,  
53.3944

■ 96.9100, 27.1594,  
62.3459

■ 117.3240, 19.0673,  
44.4429

■ 86.5890, 30.7686,  
71.3974

■ 127.6450, 15.4580,  
35.3913

■ 76.9690, 34.5253,  
79.8342

■ 137.2650, 11.7014,  
26.9546

■ 66.7620, 38.5713,  
88.7857

■ 147.4720, 7.6553,  
18.0031

■ 157.7930, 4.0461,  
8.9515

■ 168.0000, 0.0000,  
0.0000

■ 178.2070, -4.0461,  
-8.9515

■ 187.9410, -7.3659,  
-17.4883

■ 198.1480,  
-11.4120, -26.4398

# Harmonies

## Analogous

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



108.3690, 40.7371, 0.5534



107.1170, 23.1133, 53.3944



99.4290, 3.2395, 81.1848

# Triad

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



107.1170, 23.1133, 53.3944



99.8960, -49.2487, 22.8932



93.7350, 31.6826, -82.2056

# Complementary

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



107.1170, 23.1133, 53.3944



127.8830, -23.1133, -53.3944

# 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.



88.1490, 10.2795, -77.3067



107.1170, 23.1133, 53.3944



92.5770, -45.6405, -14.5380

# Square

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



107.1170, 23.1133, 53.3944



100.6150, -46.1522, 56.4656



80.5740, -11.1290, -70.6634



94.9040, 48.8543, -83.2308



# Rectangle

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



107.1170, 23.1133, 53.3944



99.4880, -13.0586, 82.0100



80.5740, -11.1290, -70.6634



92.0250, 25.1307, -80.7059

# Sweetspot

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



107.1170, 23.1133, 53.3944



195.5370, 9.1023, 20.5771



82.4010, 42.2003, -2.1057



95.4560, 5.1982, 12.7551



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.



107.1170, 23.1133, 53.3944



123.7460, 36.1142, 83.5378



101.4170, 1.2734, 58.3933



79.1900, 1.8783, 4.2184



58.7300, 33.6571, 78.2898



8.0320, 4.9142, 10.4959



# Inverse Universe

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



107.1170, 23.1133, 53.3944



123.7460, 36.1142, 83.5378



133.5830, -1.2734, -58.3933



79.1900, 1.8783, 4.2184



58.7300, 33.6571, 78.2898



8.0320, 4.9142, 10.4959



# Previews

## White Background



This preview shows how the YUV color 107.1170, 23.1133, 53.3944 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 107.1170, 23.1133, 53.3944 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

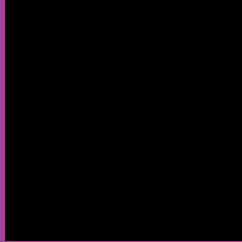
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 107.1170, 23.1133, 53.3944

## Background



This preview shows how black text looks on a background with the YUV color 107.1170, 23.1133, 53.3944.



This preview shows how white text looks on a background with the YUV color 107.1170, 23.1133,



# 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

107.1170, 23.1133, 53.3944

### Protanopia

104.0680, 40.3925, -29.0006

### Deuteranopia

107.4990, 19.9670, -10.9616



## Tritanopia

107.7070, -8.7296, 46.7380

# Trichromacy



## Original Color

107.1170, 23.1133, 53.3944

## Protanomaly

104.9470, 34.0431, 0.9235

## Deuteranomaly

107.5820, 20.9121, 12.6446

## Tritanomaly

107.7040, 2.6109, 49.3716

# Monochromacy



## Original Color

107.1170, 23.1133, 53.3944

## Achromatopsia

107.0000, 0.0000, 0.0000

## Achromatomaly

106.7110, 8.5235, 19.5475

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 107.1170, 23.1133, 53.3944 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(168, 67, 154)` looks like.

```
.text, #text, p{  
    color:rgb(168, 67, 154)  
}
```

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(168, 67, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 67, 154) }
```

## Border

The CSS property to change the border of an element to YUV 107.1170, 23.1133, 53.3944 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(168, 67, 154) }
```



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

```
.border{ border-color:rgb(168, 67, 154) }
```

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

Here you see how a box with a 4 pixel rgb(168, 67, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 67, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 67, 154);  
box-shadow:4px 4px 4px 4px rgb(168, 67,  
154) }
```

# Background

The CSS property to change the background color of an element to YUV 107.1170, 23.1133, 53.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 67, 154) }
```

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

```
.background{ background-color: rgb(168, 67,  
154) }
```

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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