

Converting Colors

YUV(104.9490, 37.9861,
43.0177)

Have a look what the booklet for
YUV(104.9490, 37.9861, 43.0177)
contains.

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Color

**YUV(104.9490, 37.9861,
43.0177)**

Conversions

Conversions Part 1

Format	Color
Hex	9A41B6
RGB	154, 65, 182
RGB Percent	60%, 25%, 71%
CMY	0.3961, 0.7451, 0.2863
CMYK	0.15, 0.64, 0.00, 0.29
HSL	286°, 47%, 48%
HSV	286°, 64%, 71%
XYZ	23.6602, 14.0280, 45.7166
YIQ	104.9490, 15.4870, 55.2550

Conversions

Conversions Part 2

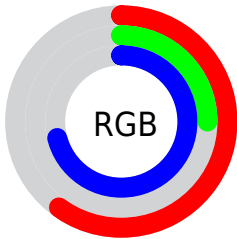
Format	Color
R_{YB}	154, 65, 182
Decimal	10109366
CIE _{Lab}	44.27, 54.73, -45.84
CIE _{LCh}	44, 71.395, 320.052
Yxy	14.0280, 0.2837, 0.1682
Android (android.graphics.Color)	4288299446 (0xFF9A41B6)
YUV	104.9490, 37.9861, 43.0177
Hunter-Lab	37.4540, 47.2165, -46.1520

Details

The YUV color **104.9490, 37.9861, 43.0177** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **142.0510, -37.9861, -43.0177**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1880, 38.8543, 44.5621**, and **44.1930, 41.3169, 48.0657** is the 20% darker color. If you saturate the color by 10%, you get **93.1870, 43.7848, 49.8250**, and if you desaturate by 10%, it is **116.7110, 32.1875, 36.2105**.

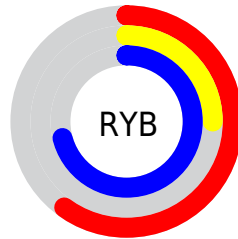
Distribution



Red (60%)

Green (25%)

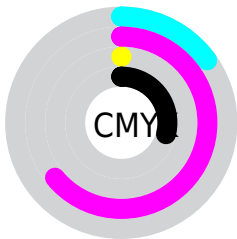
Blue (71%)



Red (60%)

Yellow (25%)

Blue (71%)

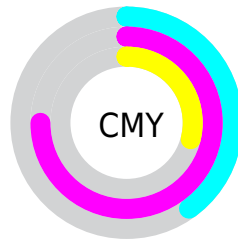


Cyan (15%)

Magenta (64%)

Yellow (0%)

Black (29%)



Cyan (40%)

Magenta (75%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.9490, 37.9861, 43.0177 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 104.9490, 37.9861, 43.0177 by changing the saturation by 10% instead.

104.9490, 37.9861,
43.0177

104.9490, 37.9861,
43.0177

255.0000, 0.0000,
0.0000

77.0630, 38.4229,
42.9177

160.1880, 38.8543,
44.5621

44.1930, 41.3169,
48.0657

186.5320, 33.7547,
46.8914

33.2700, 34.3769,
33.9662

206.8660, 23.7301,
42.2135

22.6460, 27.2895,
20.4815

223.8890, 15.3377,
27.2843

11.8370, 20.7864,
6.2820

240.9120, 6.9454,
12.3552

4.8220, 13.3988,
-4.2289

0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 104.9490, 37.9861,
43.0177

■ 104.9490, 37.9861,
43.0177

■ 93.1870, 43.7848,
49.8250

■ 116.7110, 32.1875,
36.2105

■ 81.1260, 49.7309,
56.0175

■ 128.7720, 26.2414,
30.0180

■ 68.7770, 55.8189,
63.3396

■ 141.1210, 20.1533,
22.6959

■ 62.0100, 59.1551,
66.6432

■ 152.8830, 14.3547,
15.8886

■ 164.9440, 8.4086,
9.6961

■ 176.7060, 2.6099,
2.8888

■ 188.4680, -3.1887,
-3.9184

■ 201.1160, -9.4242,
-10.6257

■ 212.8780,
-15.2229, -17.4330

Harmonies

Analogous

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



90.4510, 62.8817, -55.6465



104.9490, 37.9861, 43.0177



85.4200, 20.4989, 98.7327

Triad

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



104.9490, 37.9861, 43.0177



98.8210, -48.7188, 39.6220



92.7260, 25.2781, -81.3207

Complementary

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



104.9490, 37.9861, 43.0177



142.0510, -37.9861, -43.0177

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.



84.4840, -1.2246, -74.0925



104.9490, 37.9861, 43.0177



93.8280, -46.2572, -3.3572

Square

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



104.9490, 37.9861, 43.0177



93.3990, -45.0597, 79.4571



74.0420, -31.0797, -64.9348



96.8930, 48.8598, -84.9752

Rectangle

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



104.9490, 37.9861, 43.0177



76.3220, 5.7573, 113.7276



74.0420, -31.0797, -64.9348



90.4460, 16.5421, -79.3211

Sweetspot

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



104.9490, 37.9861, 43.0177



207.2960, 14.6441, 16.4034



95.3610, 42.7130, -26.6266



101.4710, 9.1348, 10.1109



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



104.9490, 37.9861, 43.0177



117.0100, 59.1551, 66.6432



110.0150, 21.1916, 63.1308



86.1190, 2.8993, 3.4036



53.0660, 50.7465, 56.9471



9.4710, 9.1348, 10.1109

Inverse Universe

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



103.1750, -5.0163, 69.1295



114.3200, -8.0458, 107.5904



136.9850, -21.1916, -63.1308



85.9190, -0.4531, 5.3330



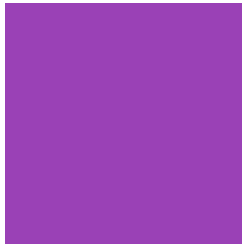
50.8620, -6.8340, 92.2060



9.1700, -1.0698, 16.5139

Previews

White Background



This preview shows how the YUV color 104.9490, 37.9861, 43.0177 looks on a white background.

Color Contrast Check

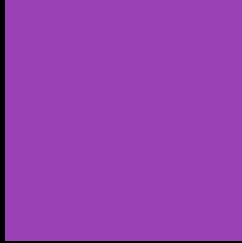
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.9490, 37.9861, 43.0177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

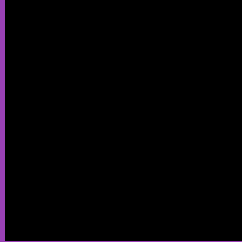
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.9490, 37.9861, 43.0177

Background



This preview shows how black text looks on a background with the YUV color 104.9490, 37.9861, 43.0177.



This preview shows how white text looks on a background with the YUV color 104.9490, 37.9861,

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

104.9490, 37.9861, 43.0177

Protanopia

83.9110, 65.1199, -73.5899

Deuteranopia

99.8130, 37.0672, -35.7930



Tritanopia

106.9330, -4.8970, 30.7538

Trichromacy



Original Color

104.9490, 37.9861, 43.0177



Protanomaly

91.6560, 55.3856, -31.2703



Deuteranomaly

101.8150, 37.5592, -6.8538



Tritanomaly

106.3800, 10.6587, 34.7467

Monochromacy



Original Color

104.9490, 37.9861, 43.0177



Achromatopsia

105.0000, 0.0000, 0.0000



Achromatomaly

104.7690, 13.9179, 15.9886

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.9490, 37.9861, 43.0177 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(154, 65, 182)` looks like.

```
.text, #text, p{  
    color:rgb(154, 65, 182)  
}
```

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(154, 65, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 65, 182) }
```

Border

The CSS property to change the border of an element to YUV 104.9490, 37.9861, 43.0177 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(154, 65, 182) }
```


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

```
.border{ border-color:rgb(154, 65, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 65, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 65, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 65, 182);  
box-shadow:4px 4px 4px 4px rgb(154, 65,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 104.9490, 37.9861, 43.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 65, 182) }
```

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

```
.background{ background-color: rgb(154, 65,  
182) }
```

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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