

Converting Colors

YUV(109.7970, 38.5541,
47.5360)

Have a look what the booklet for
YUV(109.7970, 38.5541, 47.5360)
contains.

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Color

**YUV(109.7970, 38.5541,
47.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	A443BC
RGB	164, 67, 188
RGB Percent	64%, 26%, 74%
CMY	0.3569, 0.7373, 0.2627
CMYK	0.13, 0.64, 0.00, 0.26
HSL	288°, 47%, 50%
HSV	288°, 64%, 74%
XYZ	26.3941, 15.5377, 49.1849
YIQ	109.7970, 18.9710, 58.1950

Conversions

Conversions Part 2

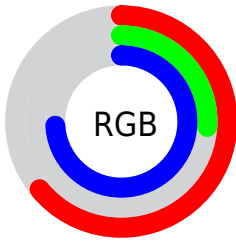
Format	Color
R_{YB}	164, 67, 188
Decimal	10765244
CIE _{Lab}	46.36, 57.41, -45.94
CIE _{LCh}	46, 73.522, 321.333
Yxy	15.5377, 0.2897, 0.1705
Android (android.graphics.Color)	4288955324 (0xFFA443BC)
YUV	109.7970, 38.5541, 47.5360
Hunter-Lab	39.4178, 50.5420, -46.3885

Details

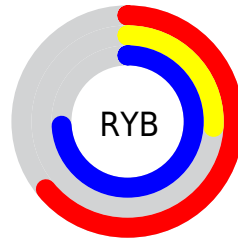
The YUV color **109.7970, 38.5541, 47.5360** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **145.2030, -38.5541, -47.5360**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.3350, 39.2748, 49.6952**, and **47.8670, 42.4636, 53.6136** is the 20% darker color. If you saturate the color by 10%, you get **97.4480, 44.6421, 54.8581**, and if you desaturate by 10%, it is **122.1460, 32.4660, 40.2140**.

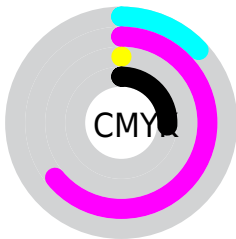
Distribution



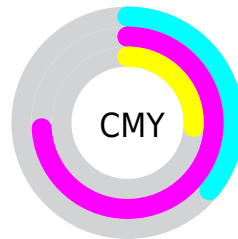
- Red (64%)
- Green (26%)
- Blue (74%)



- Red (64%)
- Yellow (26%)
- Blue (74%)



- Cyan (13%)
- Magenta (64%)
- Yellow (0%)
- Black (26%)



- Cyan (36%)
- Magenta (74%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.7970, 38.5541, 47.5360 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 109.7970, 38.5541, 47.5360 by changing the saturation by 10% instead.

109.7970, 38.5541,
47.5360

109.7970, 38.5541,
47.5360

255.0000, 0.0000,
0.0000

81.3240, 39.2803,
47.9509

165.3350, 39.2748,
49.6952

47.8670, 42.4636,
53.6136

191.5820, 31.2651,
52.1096

36.5310, 35.2342,
38.9993

209.2140, 22.5725,
40.1543

25.9070, 28.1468,
25.5146

225.6500, 14.4696,
25.7400

15.6960, 21.3489,
12.5446

242.6730, 6.0772,
10.8108

5.2780, 15.1459,
-4.6288

1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 109.7970, 38.5541,
47.5360

■ 109.7970, 38.5541,
47.5360

■ 97.4480, 44.6421,
54.8581

■ 122.1460, 32.4660,
40.2140

■ 85.3980, 50.5828,
62.7950

■ 134.1960, 26.5254,
32.2771

■ 73.6360, 56.3815,
69.6022

■ 145.9580, 20.7267,
25.4698

■ 66.5810, 59.8596,
74.0355

■ 158.3070, 14.6386,
18.1478

■ 170.6560, 8.5506,
10.8257

■ 182.7060, 2.6099,
2.8888

■ 195.0550, -3.4781,
-4.4332

■ 206.8170, -9.2768,
-11.2405

■ 219.1660,
-15.3648, -18.5626

Harmonies

Analogous

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



99.3920, 62.4177, -46.8248



109.7970, 38.5541, 47.5360



89.4530, 20.4827, 103.9657

Triad

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



109.7970, 38.5541, 47.5360



103.8380, -51.1921, 39.6071



97.2740, 27.4729, -85.3093

Complementary

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



109.7970, 38.5541, 47.5360



145.2030, -38.5541, -47.5360

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.



89.3910, -0.1928, -78.3959



109.7970, 38.5541, 47.5360



97.9480, -48.2884, -5.2164

Square

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



109.7970, 38.5541, 47.5360



98.7860, -48.7015, 80.8717



78.3620, -29.7585, -68.7235



101.5550, 51.4914, -89.0637

Rectangle

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



109.7970, 38.5541, 47.5360



82.1760, 3.8572, 116.4866



78.3620, -29.7585, -68.7235



94.8800, 18.3002, -83.2098

Sweetspot

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



109.7970, 38.5541, 47.5360



214.7200, 14.9280, 18.6626



94.8820, 45.9072, -24.4525



104.0690, 8.8400, 11.3405



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



109.7970, 38.5541, 47.5360



122.6950, 60.2964, 73.9355



112.8690, 19.2916, 65.8899



88.1190, 2.8993, 3.4036



55.9850, 50.2934, 62.2802



11.0090, 9.8556, 12.2701

Inverse Universe

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



105.9150, -7.3531, 71.9885



116.8430, -11.2616, 112.3937



142.1310, -19.2916, -65.8899



87.9190, -0.4531, 5.3330



50.7760, -9.7496, 94.0354



9.9530, -1.9488, 18.4582

Previews

White Background



This preview shows how the YUV color 109.7970, 38.5541, 47.5360 looks on a white background.

Color Contrast Check

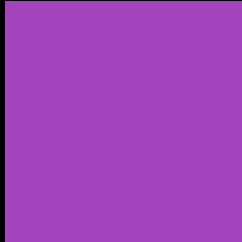
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.7970, 38.5541, 47.5360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

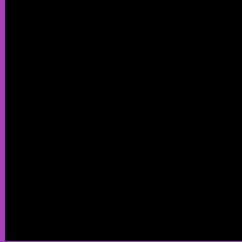
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.7970, 38.5541, 47.5360

Background



This preview shows how black text looks on a background with the YUV color 109.7970, 38.5541, 47.5360.



This preview shows how white text looks on a background with the YUV color 109.7970, 38.5541,

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

109.7970, 38.5541, 47.5360

Deuteranopia

105.7100, 36.6250, -33.9487

Tritanopia

111.4390, -5.6394, 35.5720

Trichromacy



Original Color

109.7970, 38.5541, 47.5360

Deuteranomaly

107.1250, 37.4064, -4.4946

Tritanomaly

111.0000, 10.3530, 39.4650

Monochromacy



Original Color

109.7970, 38.5541, 47.5360

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.7800, 13.9125, 17.7329

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7970, 38.5541, 47.5360 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(164, 67, 188)` looks like.

```
.text, #text, p{  
    color:rgb(164, 67, 188)  
}
```

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(164, 67, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 67, 188) }
```

Border

The CSS property to change the border of an element to YUV 109.7970, 38.5541, 47.5360 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(164, 67, 188) }
```

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

```
.border{ border-color:rgb(164, 67, 188) }
```

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

Here you see how a box with a 4 pixel rgb(164, 67, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 67, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 67, 188);  
box-shadow:4px 4px 4px 4px rgb(164, 67,  
188) }
```


Background

The CSS property to change the background color of an element to YUV 109.7970, 38.5541, 47.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 67, 188) }
```

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

```
.background{ background-color: rgb(164, 67,  
188) }
```

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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