

Converting Colors

YUV(75.8560, 39.0180, 38.7143)

Have a look what the booklet for
YUV(75.8560, 39.0180, 38.7143)
contains.

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Color

**YUV(75.8560, 39.0180,
38.7143)**

Conversions

Conversions Part 1

Format	Color
Hex	78269B
RGB	120, 38, 155
RGB Percent	47%, 15%, 61%
CMY	0.5294, 0.8510, 0.3922
CMYK	0.23, 0.75, 0.00, 0.39
HSL	282°, 61%, 38%
HSV	282°, 75%, 61%
XYZ	14.3552, 7.7459, 31.7488
YIQ	75.8560, 11.3150, 53.7710

Conversions

Conversions Part 2

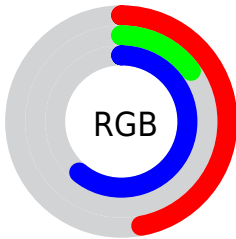
Format	Color
R_{YB}	120, 38, 155
Decimal	7874203
CIE _{Lab}	33.45, 53.14, -47.37
CIE _{LCh}	33, 71.184, 318.284
Yxy	7.7459, 0.2666, 0.1438
Android (android.graphics.Color)	4286064283 (0xFF78269B)
YUV	75.8560, 39.0180, 38.7143
Hunter-Lab	27.8314, 43.3642, -48.1535

Details

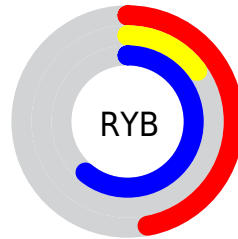
The YUV color **75.8560, 39.0180, 38.7143** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **117.1440, -39.0180, -38.7143**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.5680, 39.1600, 39.8439**, and **31.4760, 35.2613, 30.2775** is the 20% darker color. If you saturate the color by 10%, you get **65.5560, 44.0959, 43.3624**, and if you desaturate by 10%, it is **86.7430, 33.6507, 33.5514**.

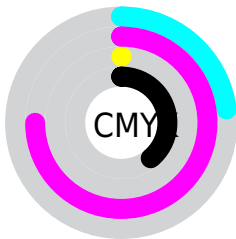
Distribution



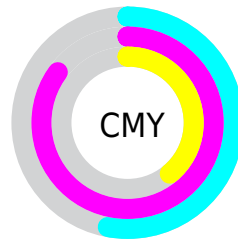
- Red (47%)
- Green (15%)
- Blue (61%)



- Red (47%)
- Yellow (15%)
- Blue (61%)



- Cyan (23%)
- Magenta (75%)
- Yellow (0%)
- Black (39%)



- Cyan (53%)
- Magenta (85%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.8560, 39.0180, 38.7143 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 75.8560, 39.0180, 38.7143 by changing the saturation by 10% instead.

75.8560, 39.0180,
38.7143

75.8560, 39.0180,
38.7143

255.0000, 0.0000,
0.0000

43.5730, 41.6225,
43.3475

130.5680, 39.1600,
39.8439

31.4760, 35.2613,
30.2775

157.5080, 40.1756,
40.7735

20.8520, 28.1740,
16.7928

184.1510, 34.9286,
43.7176

8.2490, 22.5552,
-1.0954

206.8660, 23.7301,
42.2135

4.8220, 13.3988,
-4.2289

223.3020, 15.6271,
27.7991

0.4560, 1.7472,
-0.3999

240.3250, 7.2348,

0.0000, 0.0000,

12.8700

0.0000

■ 75.8560, 39.0180,
38.7143

■ 75.8560, 39.0180,
38.7143

■ 65.5560, 44.0959,
43.3624

■ 86.7430, 33.6507,
33.5514

■ 54.9680, 49.3158,
49.1401

■ 96.7440, 28.7202,
28.2885

■ 50.2610, 51.6363,
51.5141

■ 107.6310, 23.3529,
23.1256

■ 117.9310, 18.2750,
18.4775

■ 128.5190, 13.0551,
12.6998

■ 138.8190, 7.9772,
8.0517

■ 149.4070, 2.7573,
2.2741

■ 159.7070, -2.3206,
-2.3740

■ 170.5940, -7.6878,
-7.5369

Harmonies

Analogous

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



64.8700, 60.7031, -56.8910



75.8560, 39.0180, 38.7143



60.7780, 20.8154, 90.5257

Triad

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



75.8560, 39.0180, 38.7143



74.3010, -36.6304, 35.6930



72.1690, 20.1297, -63.2922

Complementary

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



75.8560, 39.0180, 38.7143



117.1440, -39.0180, -38.7143

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.



64.2690, -5.0626, -56.3639



75.8560, 39.0180, 38.7143



69.9170, -34.4691, -4.3122

Square

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



75.8560, 39.0180, 38.7143



64.8190, -31.9558, 76.4577



55.7650, -27.4921, -48.9059



77.2820, 42.2590, -67.7763

Rectangle

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



75.8560, 39.0180, 38.7143



58.9520, 3.4747, 99.1431



55.7650, -27.4921, -48.9059



70.0030, 11.8305, -61.3926

Sweetspot

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



75.8560, 39.0180, 38.7143



170.1110, 15.2283, 15.6887



71.8830, 40.9767, -29.7154



82.2860, 9.7190, 9.3962



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



75.8560, 39.0180, 38.7143



77.4330, 60.9185, 61.0103



83.6990, 23.8124, 62.5310



71.4070, 2.7573, 2.2741



45.2620, 46.7058, 46.2512



4.1730, 4.3517, 4.2333

Inverse Universe

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



76.9730, -1.9587, 68.4297



78.9870, -2.9516, 107.0054



109.3010, -23.8124, -62.5310



71.6200, -0.3057, 4.7183



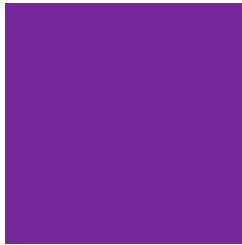
46.6480, -2.2915, 81.8697



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 75.8560, 39.0180, 38.7143 looks on a white background.

Color Contrast Check

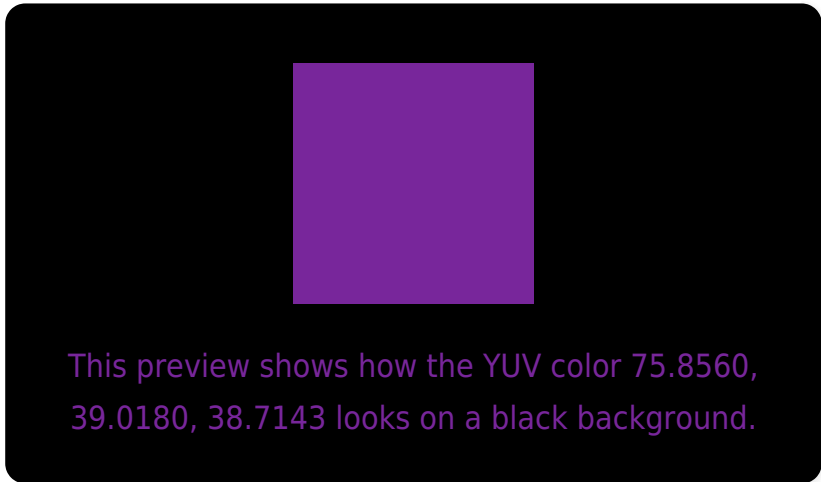
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

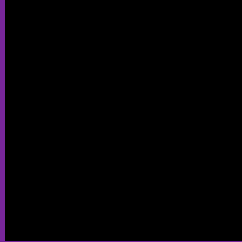
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.8560, 39.0180, 38.7143

Background



This preview shows how black text looks on a background with the YUV color 75.8560, 39.0180, 38.7143.



This preview shows how white text looks on a background with the YUV color 75.8560, 39.0180,

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

75.8560, 39.0180, 38.7143

Protanopia

63.6670, 48.4782, -55.8360

Deuteranopia

63.8490, 39.0214, -55.9956



Tritanopia

80.3450, -3.1281, 23.3764

Trichromacy



Original Color

75.8560, 39.0180, 38.7143

Protanomaly

68.2630, 44.7333, -21.2787

Deuteranomaly

68.0690, 38.9130, -21.1085

Tritanomaly

78.6890, 11.9853, 29.2137

Monochromacy



Original Color

75.8560, 39.0180, 38.7143

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8720, 14.3601, 14.1443

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.8560, 39.0180, 38.7143 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(120, 38, 155)` looks like.

```
.text, #text, p{  
    color:rgb(120, 38, 155)  
}
```

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(120, 38, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 38, 155) }
```

Border

The CSS property to change the border of an element to YUV 75.8560, 39.0180, 38.7143 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(120, 38, 155) }
```


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

```
.border{ border-color:rgb(120, 38, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 38, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 38, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 38, 155);  
box-shadow:4px 4px 4px 4px rgb(120, 38,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 75.8560, 39.0180, 38.7143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 38, 155) }
```

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

```
.background{ background-color: rgb(120, 38,  
155) }
```

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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