

Converting Colors

YUV(76.5270, 31.2922, 43.3878)

Have a look what the booklet for
YUV(76.5270, 31.2922, 43.3878)
contains.

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Color

**YUV(76.5270, 31.2922,
43.3878)**

Conversions

Conversions Part 1

Format	Color
Hex	7E278C
RGB	126, 39, 140
RGB Percent	49%, 15%, 55%
CMY	0.5059, 0.8471, 0.4510
CMYK	0.10, 0.72, 0.00, 0.45
HSL	292°, 56%, 35%
HSV	292°, 72%, 55%
XYZ	14.0633, 7.7801, 25.5714
YIQ	76.5270, 19.4310, 49.8550

Conversions

Conversions Part 2

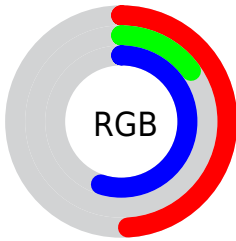
Format	Color
R _Y B	126, 39, 140
Decimal	8267660
CIE Lab	33.52, 51.00, -38.01
CIE LCh	34, 63.612, 323.303
Yxy	7.7801, 0.2966, 0.1641
Android (android.graphics.Color)	4286457740 (0xFF7E278C)
YUV	76.5270, 31.2922, 43.3878
Hunter-Lab	27.8928, 41.1857, -34.8305

Details

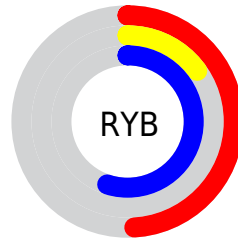
The YUV color **76.5270, 31.2922, 43.3878** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **102.4730, -31.2922, -43.3878**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.8260, 31.1448, 44.0026**, and **31.9730, 28.1143, 35.9807** is the 20% darker color. If you saturate the color by 10%, you get **67.7110, 35.6385, 49.3655**, and if you desaturate by 10%, it is **85.3430, 26.9459, 37.4102**.

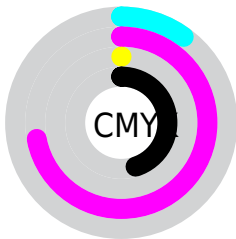
Distribution



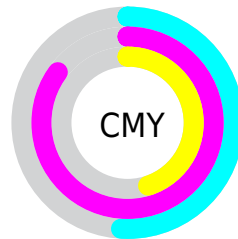
- Red (49%)
- Green (15%)
- Blue (55%)



- Red (49%)
- Yellow (15%)
- Blue (55%)



- Cyan (10%)
- Magenta (72%)
- Yellow (0%)
- Black (45%)



- Cyan (51%)
- Magenta (85%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.5270, 31.2922, 43.3878 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 76.5270, 31.2922, 43.3878 by changing the saturation by 10% instead.

76.5270, 31.2922,
43.3878

76.5270, 31.2922,
43.3878

255.0000, 0.0000,
0.0000

44.3580, 34.3335,
47.9210

130.8260, 31.1448,
44.0026

31.9730, 28.1143,
35.9807

157.9510, 31.5762,
45.6470

21.7620, 21.3163,
23.0107

185.7770, 32.1549,
46.6766

11.0670, 15.2500,
8.7112

207.4530, 23.4407,
41.6987

2.8670, 8.4466,
-2.5144

223.8890, 15.3377,
27.2843

0.0000, 0.0000,
0.0000

240.9120, 6.9454,

12.3552

■ 76.5270, 31.2922,
43.3878

■ 76.5270, 31.2922,
43.3878

■ 67.7110, 35.6385,
49.3655

■ 85.3430, 26.9459,
37.4102

■ 58.8950, 39.9848,
55.3431

■ 94.1590, 22.5996,
31.4326

■ 52.1390, 43.3155,
60.3911

■ 102.9750, 18.2533,
25.4549

■ 111.7910, 13.9070,
19.4773

■ 120.6070, 9.5607,
13.4997

■ 129.4230, 5.2145,
7.5220

■ 138.2390, 0.8682,
1.5444

■ 147.0550, -3.4781,
-4.4332

■ 155.5720, -7.6770,
-11.0256

Harmonies

Analogous

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



70.6680, 50.4497, -34.7888



76.5270, 31.2922, 43.3878



58.0290, 16.7477, 88.5516

Triad

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



76.5270, 31.2922, 43.3878



74.8440, -36.8981, 28.2008



72.1520, 22.6031, -63.2773

Complementary

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



76.5270, 31.2922, 43.3878



102.4730, -31.2922, -43.3878

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.



65.6370, 0.1790, -57.5636



76.5270, 31.2922, 43.3878



69.5960, -34.3108, -8.4157

Square

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



76.5270, 31.2922, 43.3878



70.0470, -34.5332, 63.1028



56.2210, -25.7450, -49.3058



75.1790, 41.8168, -65.9320

Rectangle

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



76.5270, 31.2922, 43.3878



55.7620, 1.5963, 94.9247



56.2210, -25.7450, -49.3058



69.6270, 15.4669, -61.0629

Sweetspot

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



76.5270, 31.2922, 43.3878



156.0250, 12.3127, 17.5181



59.3190, 39.7757, -17.8198



76.7160, 7.5350, 9.8961



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



76.5270, 31.2922, 43.3878



82.2630, 48.6773, 67.2983



76.7230, 13.9406, 55.4939



64.5920, 2.1731, 2.9888



49.2480, 41.2897, 56.7875



1.7660, 1.5944, 1.9592

Inverse Universe

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



70.7950, -8.7729, 60.6928



73.3370, -13.9701, 94.4205



102.2770, -13.9406, -55.4939



64.2070, -0.5951, 4.2035



41.8190, -11.7428, 79.9657



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 76.5270, 31.2922, 43.3878 looks on a white background.

Color Contrast Check

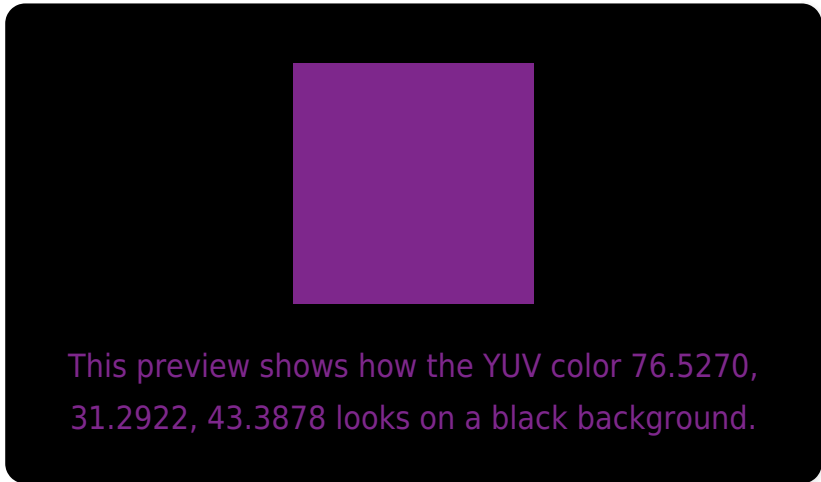
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.5270, 31.2922, 43.3878

Background



This preview shows how black text looks on a background with the YUV color 76.5270, 31.2922, 43.3878.



This preview shows how white text looks on a background with the YUV color 76.5270, 31.2922,

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

76.5270, 31.2922, 43.3878

Protanopia

63.7810, 48.9150, -55.9359

Deuteranopia

75.2780, 28.4569, -27.4308



Tritanopia

80.4170, -5.6286, 32.0833

Trichromacy



Original Color

76.5270, 31.2922, 43.3878

Protanomaly

68.4050, 42.6913, -19.6492

Deuteranomaly

75.7850, 29.6860, -1.5654

Tritanomaly

78.9950, 7.8905, 35.9614

Monochromacy



Original Color

76.5270, 31.2922, 43.3878

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.7860, 11.4445, 15.9737

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.5270, 31.2922, 43.3878 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(126, 39, 140)` looks like.

```
.text, #text, p{  
    color:rgb(126, 39, 140)  
}
```

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(126, 39, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 39, 140) }
```

Border

The CSS property to change the border of an element to YUV 76.5270, 31.2922, 43.3878 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(126, 39, 140) }
```


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

```
.border{ border-color:rgb(126, 39, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 39, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 39, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 39, 140);  
box-shadow:4px 4px 4px 4px rgb(126, 39,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 76.5270, 31.2922, 43.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 39, 140) }
```

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

```
.background{ background-color: rgb(126, 39,  
140) }
```

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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