

Converting Colors

YUV(90.8440, 40.5029, 29.0778)

Have a look what the booklet for
YUV(90.8440, 40.5029, 29.0778)
contains.

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Color

**YUV(90.8440, 40.5029,
29.0778)**

Conversions

Conversions Part 1

Format	Color
Hex	7C3AAD
RGB	124, 58, 173
RGB Percent	49%, 23%, 68%
CMY	0.5137, 0.7725, 0.3216
CMYK	0.28, 0.66, 0.00, 0.32
HSL	274°, 50%, 45%
HSV	274°, 66%, 68%
XYZ	17.3681, 10.3283, 40.6133
YIQ	90.8440, 2.4210, 49.7570

Conversions

Conversions Part 2

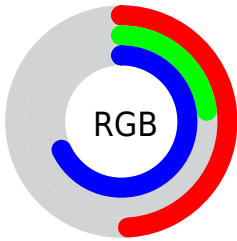
Format	Color
R_{YB}	124, 58, 173
Decimal	8141485
CIE _{Lab}	38.43, 49.14, -50.13
CIE _{LCh}	38, 70.198, 314.428
Yxy	10.3283, 0.2543, 0.1512
Android (android.graphics.Color)	4286331565 (0xFF7C3AAD)
YUV	90.8440, 40.5029, 29.0778
Hunter-Lab	32.1377, 40.2251, -52.4300

Details

The YUV color **90.8440, 40.5029, 29.0778** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **140.1560, -40.5029, -29.0778**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.4960, 41.6605, 31.1370**, and **34.6100, 42.0973, 31.0370** is the 20% darker color. If you saturate the color by 10%, you get **78.7720, 46.4544, 33.5260**, and if you desaturate by 10%, it is **102.9160, 34.5514, 24.6297**.

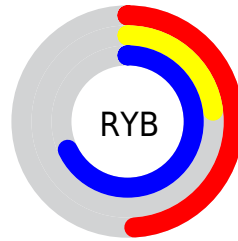
Distribution



Red (49%)

Green (23%)

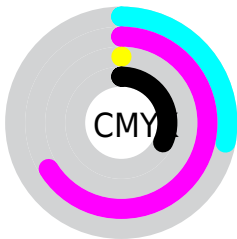
Blue (68%)



Red (49%)

Yellow (23%)

Blue (68%)

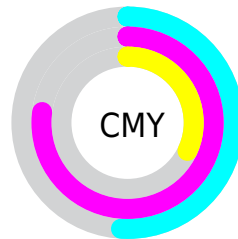


Cyan (28%)

Magenta (66%)

Yellow (0%)

Black (32%)



Cyan (51%)

Magenta (77%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.8440, 40.5029, 29.0778 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 90.8440, 40.5029, 29.0778 by changing the saturation by 10% instead.

90.8440, 40.5029,
29.0778

90.8440, 40.5029,
29.0778

255.0000, 0.0000,
0.0000

64.4310, 40.2135,
28.5630

144.4960, 41.6605,
31.1370

34.6100, 42.0973,
31.0370

171.3930, 41.2183,
32.9813

23.2740, 34.8679,
16.4227

195.9130, 29.1299,
36.9103

12.7640, 28.2173,
2.8380

217.4320, 18.5210,
32.9471

7.5920, 18.9351,
-6.6582

233.8680, 10.4181,
18.5328

3.4370, 10.6306,
-3.0142

250.8910, 2.0257,

0.0000, 0.0000,

3.6036

0.0000

■ 90.8440, 40.5029,
29.0778

■ 90.8440, 40.5029,
29.0778

■ 78.7720, 46.4544,
33.5260

■ 102.9160, 34.5514,
24.6297

■ 65.8140, 52.8427,
37.8741

■ 115.8740, 28.1631,
20.2815

■ 53.7420, 58.7942,
42.3223

■ 127.9460, 22.2116,
15.8334

■ 49.3230, 60.9728,
43.5667

■ 140.0180, 16.2601,
11.3852

■ 152.9760, 9.8718,
7.0370

■ 165.0480, 3.9203,
2.5889

■ 177.4190, -2.1786,
-1.2445

■ 189.4910, -8.1301,
-5.6926

■ 202.1500,
-14.3710, -10.6556

Harmonies

Analogous

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



75.3850, 62.9142, -66.1126



90.8440, 40.5029, 29.0778



66.0480, 28.0773, 94.6739

Triad

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



90.8440, 40.5029, 29.0778



85.5640, -42.1831, 43.3554



80.2560, 18.1148, -70.3845

Complementary

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



90.8440, 40.5029, 29.0778



140.1560, -40.5029, -29.0778

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.



72.2420, -7.5143, -63.3562



90.8440, 40.5029, 29.0778



82.6530, -40.7479, 2.9353

Square

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



90.8440, 40.5029, 29.0778



76.6410, -35.3190, 81.8758



62.8090, -30.9648, -55.0835



85.7110, 41.5545, -75.1685

Rectangle

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



90.8440, 40.5029, 29.0778



65.3040, 9.7101, 105.8504



62.8090, -30.9648, -55.0835



77.5030, 10.1050, -67.9701

Sweetspot

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



90.8440, 40.5029, 29.0778



192.4910, 15.5339, 10.9704



100.4600, 35.7622, -37.2374



92.8620, 9.4350, 7.1370



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



90.8440, 40.5029, 29.0778



96.2030, 63.0039, 45.4260



104.5830, 29.7856, 60.0017



80.5210, 3.1941, 2.1741



42.8140, 52.8427, 37.8741



6.5090, 8.1301, 5.6926

Inverse Universe

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



97.9710, 4.4513, 65.8004



107.1850, 6.8108, 102.4468



126.4170, -29.7856, -60.0017



81.1470, 0.4205, 5.1331



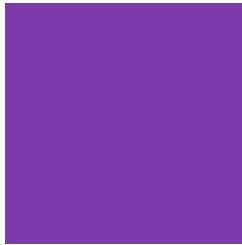
52.1460, 5.8440, 85.8180



8.0170, 0.9776, 13.1401

Previews

White Background



This preview shows how the YUV color 90.8440, 40.5029, 29.0778 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 90.8440, 40.5029, 29.0778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

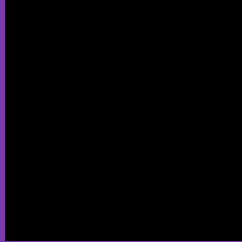
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.8440, 40.5029, 29.0778

Background



This preview shows how black text looks on a background with the YUV color 90.8440, 40.5029, 29.0778.



This preview shows how white text looks on a background with the YUV color 90.8440, 40.5029,

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

90.8440, 40.5029, 29.0778

Protanopia

72.8600, 55.7780, -63.8982

Deuteranopia

73.2870, 44.7215, -64.2727



Tritanopia

92.4580, -1.2118, 15.3843

Trichromacy



Original Color

90.8440, 40.5029, 29.0778

Protanomaly

79.2880, 50.1440, -30.0706

Deuteranomaly

79.4530, 43.1607, -30.2153

Tritanomaly

92.0900, 13.7596, 20.0921

Monochromacy



Original Color

90.8440, 40.5029, 29.0778

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.9640, 14.8077, 10.5556

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.8440, 40.5029, 29.0778 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(124, 58, 173)` looks like.

```
.text, #text, p{  
    color:rgb(124, 58, 173)  
}
```

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(124, 58, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 58, 173) }
```

Border

The CSS property to change the border of an element to YUV 90.8440, 40.5029, 29.0778 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(124, 58, 173) }
```


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

```
.border{ border-color:rgb(124, 58, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 58, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 58, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 58, 173);  
box-shadow:4px 4px 4px 4px rgb(124, 58,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 90.8440, 40.5029, 29.0778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 58, 173) }
```

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

```
.background{ background-color: rgb(124, 58,  
173) }
```

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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