

Converting Colors

YUV(63.6820, 22.8348, 49.3909)

Have a look what the booklet for
YUV(63.6820, 22.8348, 49.3909)
contains.

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Color

**YUV(63.6820, 22.8348,
49.3909)**

Conversions

Conversions Part 1

Format	Color
Hex	781A6E
RGB	120, 26, 110
RGB Percent	47%, 10%, 43%
CMY	0.5294, 0.8980, 0.5686
CMYK	0.00, 0.78, 0.08, 0.53
HSL	306°, 64%, 29%
HSV	306°, 78%, 47%
XYZ	10.9296, 5.8576, 15.3064
YIQ	63.6820, 29.0600, 46.0520

Conversions

Conversions Part 2

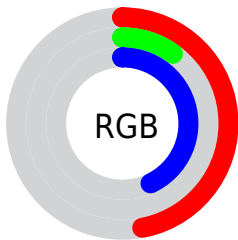
Format	Color
R_{YB}	120, 26, 110
Decimal	7871086
CIE _{Lab}	29.05, 48.96, -26.32
CIE _{LCh}	29, 55.584, 331.738
Yxy	5.8576, 0.3406, 0.1825
Android (android.graphics.Color)	4286061166 (0xFF781A6E)
YUV	63.6820, 22.8348, 49.3909
Hunter-Lab	24.2026, 38.2540, -20.5550

Details

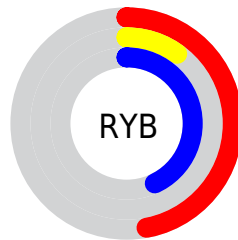
The YUV color **63.6820, 22.8348, 49.3909** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **82.3180, -22.8348, -49.3909**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.3400, 21.5244, 49.6908**, and **27.4000, 17.0578, 35.6062** is the 20% darker color. If you saturate the color by 10%, you get **56.5240, 25.8707, 55.6685**, and if you desaturate by 10%, it is **70.8400, 19.7989, 43.1133**.

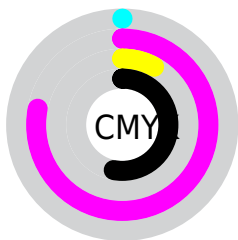
Distribution



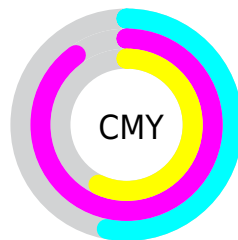
- Red (47%)
- Green (10%)
- Blue (43%)



- Red (47%)
- Yellow (10%)
- Blue (43%)



- Cyan (0%)
- Magenta (78%)
- Yellow (8%)
- Black (53%)



- Cyan (53%)
- Magenta (90%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.6820, 22.8348, 49.3909 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 63.6820, 22.8348, 49.3909 by changing the saturation by 10% instead.

63.6820, 22.8348,
49.3909

63.6820, 22.8348,
49.3909

255.0000, 0.0000,
0.0000

37.4970, 23.4190,
48.6761

118.3400, 21.5244,
49.6908

27.4000, 17.0578,
35.6062

145.9380, 21.2296,
50.9204

18.0150, 10.8386,
23.6658

173.0630, 21.6609,
52.5647

1.9380, 7.4256,
-1.6996

199.3830, 22.9822,
48.7761

0.0000, 0.0000,
0.0000

216.8450, 18.8104,
33.4619

233.2810, 10.7075,

19.0476

250.3040, 2.3151,
4.1184

63.6820, 22.8348,
49.3909

63.6820, 22.8348,
49.3909

56.5240, 25.8707,
55.6685

70.8400, 19.7989,
43.1133

49.2520, 28.4698,
62.0460

78.1120, 17.1998,
36.7358

48.0780, 29.0485,
63.0756

85.2700, 14.1639,
30.4582

92.4280, 11.1280,
24.1806

99.5860, 8.0921,
17.9031

■ 106.8580, 5.4930,
11.5255

■ 114.0160, 2.4571,
5.2480

■ 121.1740, -0.5788,
-1.0296

■ 128.3320, -3.6147,
-7.3072

Harmonies

Analogous

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



68.0220, 36.9642, -2.6503



63.6820, 22.8348, 49.3909



49.6120, 9.0653, 79.2703

Triad

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



63.6820, 22.8348, 49.3909



64.7330, -31.9134, 16.0202



63.3640, 24.4705, -55.5702

Complementary

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



63.6820, 22.8348, 49.3909



82.3180, -22.8348, -49.3909

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.



58.4620, 5.6882, -51.2712



63.6820, 22.8348, 49.3909



57.1480, -28.1740, -16.7928

Square

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



63.6820, 22.8348, 49.3909



63.4470, -31.2794, 46.0890



51.9300, -14.2625, -45.5426



65.2510, 39.3163, -57.2251

Rectangle

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



63.6820, 22.8348, 49.3909



49.3550, -4.6120, 79.4957



51.9300, -14.2625, -45.5426



61.7680, 18.3554, -54.1705

Sweetspot

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



63.6820, 22.8348, 49.3909



133.2380, 9.2497, 19.9623



39.4070, 39.7323, -3.8649



65.2710, 5.7824, 12.0403



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



63.6820, 22.8348, 49.3909



67.8870, 35.5517, 77.2751



58.4380, 2.7421, 53.9899



57.4780, 1.7363, 3.0888



50.1430, 30.4955, 65.6496



101.1120, 61.5698, 132.3288

Inverse Universe

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



63.6820, 22.8348, 49.3909



67.8870, 35.5517, 77.2751



87.5620, -2.7421, -53.9899



57.4780, 1.7363, 3.0888



50.1430, 30.4955, 65.6496



101.1120, 61.5698, 132.3288

Previews

White Background



This preview shows how the YUV color 63.6820, 22.8348, 49.3909 looks on a white background.

Color Contrast Check

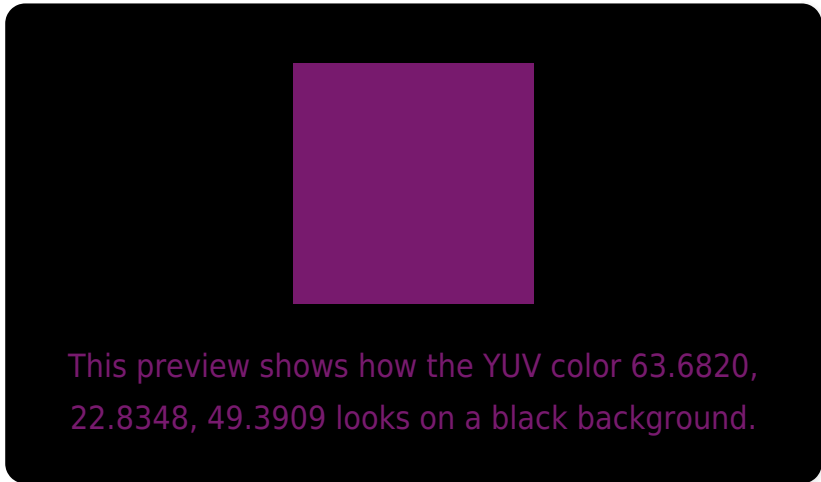
Large Text (above 18pt) WCAG AA ✓ Pass

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

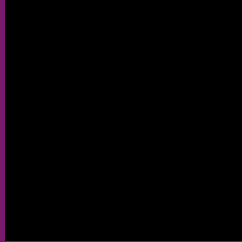
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.6820, 22.8348, 49.3909

Background



This preview shows how black text looks on a background with the YUV color 63.6820, 22.8348, 49.3909.



This preview shows how white text looks on a background with the YUV color 63.6820, 22.8348,

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

63.6820, 22.8348, 49.3909

Protanopia

56.3320, 43.2203, -49.4032

Deuteranopia

69.3910, 17.0622, -12.6209



Tritanopia

68.0760, -8.4185, 40.2753

Trichromacy



Original Color

63.6820, 22.8348, 49.3909

Protanomaly

59.3150, 35.8337, -13.4313

Deuteranomaly

67.4030, 19.0283, 10.1706

Tritanomaly

66.3720, 2.7746, 43.5238

Monochromacy



Original Color

63.6820, 22.8348, 49.3909

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.7000, 8.5289, 17.8031

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.6820, 22.8348, 49.3909 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, 26, 110)` looks like.

```
.text, #text, p{  
    color:rgb(120, 26, 110)  
}
```

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, 26, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 26, 110) }
```

Border

The CSS property to change the border of an element to YUV 63.6820, 22.8348, 49.3909 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, 26, 110) }
```


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

```
.border{ border-color:rgb(120, 26, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 26, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 26, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 26, 110);  
box-shadow:4px 4px 4px 4px rgb(120, 26,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 63.6820, 22.8348, 49.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 26, 110) }
```

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

```
.background{ background-color: rgb(120, 26,  
110) }
```

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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