

Converting Colors

YUV(79.2430, 18.6142, 49.7759)

Have a look what the booklet for
YUV(79.2430, 18.6142, 49.7759)
contains.

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Color

**YUV(79.2430, 18.6142,
49.7759)**

Conversions

Conversions Part 1

Format	Color
Hex	882B75
RGB	136, 43, 117
RGB Percent	53%, 17%, 46%
CMY	0.4667, 0.8314, 0.5412
CMYK	0.00, 0.68, 0.14, 0.47
HSL	312°, 52%, 35%
HSV	312°, 68%, 53%
XYZ	14.2281, 8.2463, 17.6714
YIQ	79.2430, 31.6740, 42.7300

Conversions

Conversions Part 2

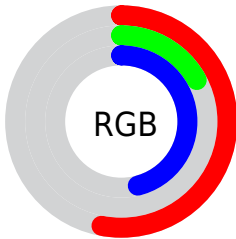
Format	Color
R_{YB}	136, 43, 117
Decimal	8924021
CIE _{Lab}	34.49, 47.85, -22.04
CIE _{LCh}	34, 52.684, 335.269
Yxy	8.2463, 0.3544, 0.2054
Android (android.graphics.Color)	4287114101 (0xFF882B75)
YUV	79.2430, 18.6142, 49.7759
Hunter-Lab	28.7165, 38.1874, -16.3841

Details

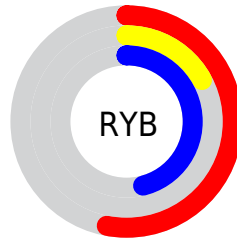
The YUV color **79.2430, 18.6142, 49.7759** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **99.7570, -18.6142, -49.7759**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.0260, 17.7352, 51.7202**, and **32.5690, 17.4675, 44.2280** is the 20% darker color. If you saturate the color by 10%, you get **70.6830, 21.3553, 57.2830**, and if you desaturate by 10%, it is **87.8030, 15.8731, 42.2688**.

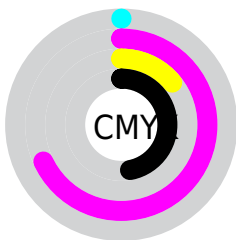
Distribution



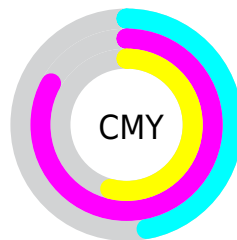
- Red (53%)
- Green (17%)
- Blue (46%)



- Red (53%)
- Yellow (17%)
- Blue (46%)



- Cyan (0%)
- Magenta (68%)
- Yellow (14%)
- Black (47%)



- Cyan (47%)
- Magenta (83%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.2430, 18.6142, 49.7759 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 79.2430, 18.6142, 49.7759 by changing the saturation by 10% instead.

79.2430, 18.6142,
49.7759

79.2430, 18.6142,
49.7759

255.0000, 0.0000,
0.0000

48.9490, 21.2241,
52.6647

133.0260, 17.7352,
51.7202

32.5690, 17.4675,
44.2280

160.7380, 17.8772,
52.8498

22.5860, 11.5431,
31.0581

188.4500, 18.0191,
53.9793

12.4180, 6.2029,
17.1734

208.9860, 21.6989,
40.3543

0.0000, 0.0000,
0.0000

226.2370, 14.1802,
25.2252

242.6730, 6.0772,

10.8108

■ 79.2430, 18.6142,
49.7759

■ 79.2430, 18.6142,
49.7759

■ 70.6830, 21.3553,
57.2830

■ 87.8030, 15.8731,
42.2688

■ 62.7100, 23.8070,
64.2753

■ 95.7760, 13.4214,
35.2764

■ 54.2640, 26.9848,
71.6825

■ 104.2220, 10.2436,
27.8693

■ 52.9760, 27.1268,
72.8120

■ 112.1950, 7.7919,
20.8770

■ 120.7550, 5.0508,
13.3699

■ 129.3150, 2.3097,
5.8627

■ 137.1740, -0.5788,
-1.0296

■ 145.7340, -3.3199,
-8.5367

■ 153.7070, -5.7716,
-15.5290

Harmonies

Analogous

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



82.4530, 33.3007, 5.7417



79.2430, 18.6142, 49.7759



72.3200, 1.8142, 71.6334

Triad

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



79.2430, 18.6142, 49.7759



75.6420, -37.2915, 14.3460



72.8190, 27.6972, -63.8623

Complementary

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



79.2430, 18.6142, 49.7759



99.7570, -18.6142, -49.7759

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.



68.1450, 9.7885, -59.7632



79.2430, 18.6142, 49.7759



68.3560, -33.6995, -17.8522

Square

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



79.2430, 18.6142, 49.7759



75.8290, -37.3837, 44.0000



61.9550, -8.8518, -54.3345



73.7770, 41.5219, -64.7024

Rectangle

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



79.2430, 18.6142, 49.7759



72.6390, -12.1470, 69.5996



61.9550, -8.8518, -54.3345



71.3370, 22.0189, -62.5625

Sweetspot

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



79.2430, 18.6142, 49.7759



153.3690, 7.2131, 19.8474



59.2830, 37.8215, 2.3828



75.6300, 4.6194, 11.7255



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



79.2430, 18.6142, 49.7759



88.0520, 28.5684, 77.1304



73.9990, -1.4785, 54.3749



64.6630, 1.1521, 3.8035



51.8510, 26.6955, 71.1677



1.9510, 1.0102, 2.6740

Inverse Universe

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



79.2430, 18.6142, 49.7759



88.0520, 28.5684, 77.1304



105.0010, 1.4785, -54.3749



64.6630, 1.1521, 3.8035



51.8510, 26.6955, 71.1677



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 79.2430, 18.6142, 49.7759 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

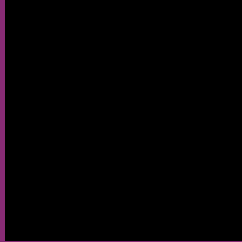
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.2430, 18.6142, 49.7759

Background



This preview shows how black text looks on a background with the YUV color 79.2430, 18.6142, 49.7759.



This preview shows how white text looks on a background with the YUV color 79.2430, 18.6142,

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

79.2430, 18.6142, 49.7759

Protanopia

78.4830, 34.2719, -25.8566

Deuteranopia

82.3270, 14.1358, -7.3028



Tritanopia

80.9840, -8.8661, 43.8640

Trichromacy



Original Color

79.2430, 18.6142, 49.7759

Protanomaly

79.1660, 28.5122, 1.6084

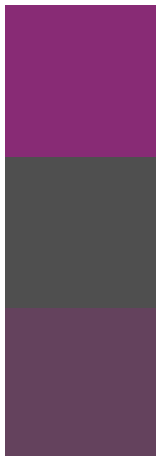
Deuteranomaly

81.2140, 15.6705, 13.8443

Tritanomaly

80.3400, 1.3114, 46.1828

Monochromacy



Original Color

79.2430, 18.6142, 49.7759

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.2440, 6.7817, 18.2030

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.2430, 18.6142, 49.7759 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(136, 43, 117)` looks like.

```
.text, #text, p{  
    color:rgb(136, 43, 117)  
}
```

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(136, 43, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 43, 117) }
```

Border

The CSS property to change the border of an element to YUV 79.2430, 18.6142, 49.7759 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(136, 43, 117) }
```


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

```
.border{ border-color:rgb(136, 43, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 43, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 43, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 43, 117);  
box-shadow:4px 4px 4px 4px rgb(136, 43,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 79.2430, 18.6142, 49.7759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 43, 117) }
```

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

```
.background{ background-color: rgb(136, 43,  
117) }
```

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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