

Converting Colors

YUV(64.2430, 28.9672, 89.2409)

Have a look what the booklet for
YUV(64.2430, 28.9672, 89.2409)
contains.

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Color

**YUV(64.2430, 28.9672,
89.2409)**

Conversions

Conversions Part 1

Format	Color
Hex	A6017B
RGB	166, 1, 123
RGB Percent	65%, 0%, 48%
CMY	0.3490, 0.9961, 0.5176
CMYK	0.00, 0.99, 0.26, 0.35
HSL	316°, 99%, 33%
HSV	316°, 99%, 65%
XYZ	19.3119, 9.5588, 19.5661
YIQ	64.2430, 59.1780, 72.9220

Conversions

Conversions Part 2

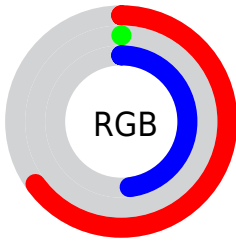
Format	Color
RYB	166, 1, 123
Decimal	10879355
CIELab	37.04, 65.33, -21.42
CIELCh	37, 68.750, 341.851
Yxy	9.5588, 0.3987, 0.1973
Android (android.graphics.Color)	4289069435 (0xFFA6017B)
YUV	64.2430, 28.9672, 89.2409
Hunter-Lab	30.9172, 57.3916, -15.8798

Details

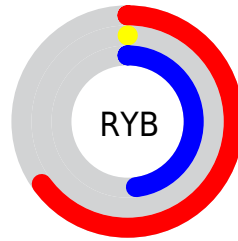
The YUV color **64.2430, 28.9672, 89.2409** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **102.7570, -28.9672, -89.2409**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.8860, 20.2692, 79.0300**, and **41.0270, 16.2557, 59.6123** is the 20% darker color. If you saturate the color by 10%, you get **63.6560, 29.2566, 89.7557**, and if you desaturate by 10%, it is **74.6780, 25.7947, 80.0894**.

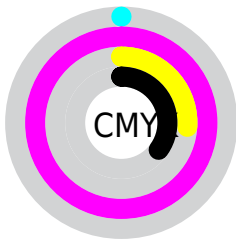
Distribution



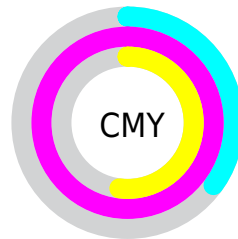
- Red (65%)
- Green (0%)
- Blue (48%)



- Red (65%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (99%)
- Yellow (26%)
- Black (35%)





- Cyan (35%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 64.2430, 28.9672, 89.2409 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 64.2430, 28.9672, 89.2409 by changing the saturation by 10% instead.


 64.2430, 28.9672,
89.2409


 64.2430, 28.9672,
89.2409


255.0000, 0.0000,
0.0000


 52.1350, 22.6114,
74.4266

 134.8860, 20.2692,
79.0300


 41.0270, 16.2557,
59.6123


 163.9570, 19.2482,
79.8447


 30.0330, 10.3367,
44.6981

 183.5850, 23.3756,
62.6310

 19.8650, 4.9966,
30.8134

 203.3440, 25.4664,
45.3023

 6.2790, -3.0955,
12.9103

 220.3670, 17.0741,
30.3731

 0.0000, 0.0000,
0.0000

 237.3900, 8.6817,

15.4440

■ 64.2430, 28.9672,
89.2409

■ 64.2430, 28.9672,
89.2409

■ 63.6560, 29.2566,
89.7557

■ 74.6780, 25.7947,
80.0894

■ 84.6400, 23.3485,
71.3527

■ 95.0750, 20.1760,
62.2012

■ 104.9230, 17.2930,
53.5645

■ 115.4720, 14.5573,
44.3131

■ 125.9070, 11.3848,
35.1616

■ 135.7550, 8.5018,
26.5249

■ 146.3040, 5.7661,
17.2734

■ 156.1520, 2.8831,
8.6367

Harmonies

Analogous

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



87.9140, 40.9614, 22.0004



64.2430, 28.9672, 89.2409



61.8710, 3.0216, 104.4761

Triad

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



64.2430, 28.9672, 89.2409



80.0170, -39.4484, 6.1241



82.3370, 38.7809, -72.2095

Complementary

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



64.2430, 28.9672, 89.2409



102.7570, -28.9672, -89.2409

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.



76.9960, 15.7780, -67.5255



64.2430, 28.9672, 89.2409



60.4610, -29.8073, -53.0243

Square

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



64.2430, 28.9672, 89.2409



82.3300, -40.5887, 45.3146



69.0960, -9.4143, -60.5972



82.5770, 54.9315, -72.4200

Rectangle

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



64.2430, 28.9672, 89.2409



66.2400, -16.8803, 94.5055



69.0960, -9.4143, -60.5972



81.1000, 31.5027, -71.1247

Sweetspot

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



64.2430, 28.9672, 89.2409



176.9070, 11.3848, 35.1616



32.0690, 66.0280, 8.7095



85.2660, 6.7709, 21.6917



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



64.2430, 28.9672, 89.2409



83.1230, 37.9004, 117.4101



55.0090, -6.4134, 97.3391



79.0760, 1.4415, 4.3183



56.6780, 25.7947, 80.0894



7.6900, 3.6038, 10.7959

Inverse Universe

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



64.2430, 28.9672, 89.2409



83.1230, 37.9004, 117.4101



111.9910, 6.4134, -97.3391



79.0760, 1.4415, 4.3183



56.6780, 25.7947, 80.0894



7.6900, 3.6038, 10.7959

Previews

White Background



This preview shows how the YUV color 64.2430, 28.9672, 89.2409 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

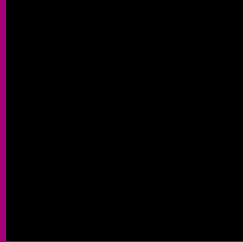
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.2430, 28.9672, 89.2409

Background



This preview shows how black text looks on a background with the YUV color 64.2430, 28.9672, 89.2409.



This preview shows how white text looks on a background with the YUV color 64.2430, 28.9672,

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

64.2430, 28.9672, 89.2409

Protanopia

82.0820, 45.8086, -39.5369

Deuteranopia

90.1810, 12.2358, -4.5437



Tritanopia

82.7160, -15.6360, 68.6551

Trichromacy



Original Color

64.2430, 28.9672, 89.2409

Protanomaly

75.7720, 39.5524, 7.2160

Deuteranomaly

80.4100, 18.5319, 29.4584

Tritanomaly

76.2990, 0.3456, 76.0368

Monochromacy



Original Color

64.2430, 28.9672, 89.2409

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9560, 10.3747, 32.4876

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.2430, 28.9672, 89.2409 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(166, 1, 123)` looks like.

```
.text, #text, p{  
    color:rgb(166, 1, 123)  
}
```

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(166, 1, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 1, 123) }
```

Border

The CSS property to change the border of an element to YUV 64.2430, 28.9672, 89.2409 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(166, 1, 123) }
```


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

```
.border{ border-color:rgb(166, 1, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 1, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 1, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 1, 123);  
box-shadow:4px 4px 4px 4px rgb(166, 1,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 64.2430, 28.9672, 89.2409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 1, 123) }
```

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

```
.background{ background-color: rgb(166, 1,  
123) }
```

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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