

Converting Colors

YUV(89.4160, 59.9409, 47.8702)

Have a look what the booklet for
YUV(89.4160, 59.9409, 47.8702)
contains.

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Color

**YUV(89.4160, 59.9409,
47.8702)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9026D3 |
| RGB | 144, 38, 211 |
| RGB Percent | 56%, 15%, 83% |
| CMY | 0.4353, 0.8510, 0.1725 |
| CMYK | 0.32, 0.82, 0.00, 0.17 |
| HSL | 277°, 69%, 49% |
| HSV | 277°, 82%, 83% |
| XYZ | 23.9526, 12.0187, 62.6854 |
| YIQ | 89.4160, 7.6430, 76.2750 |

Conversions

Conversions Part 2

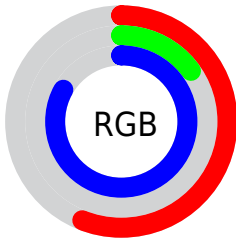
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 144, 38, 211 |
| Decimal | 9447123 |
| CIELab | 41.25, 69.07, -67.68 |
| CIElCh | 41, 96.703, 315.583 |
| Yxy | 12.0187, 0.2428, 0.1218 |
| Android (android.graphics.Color) | 4287637203 (0xFF9026D3) |
| YUV | 89.4160, 59.9409, 47.8702 |
| Hunter-Lab | 34.6679, 62.6593, -82.9386 |

Details

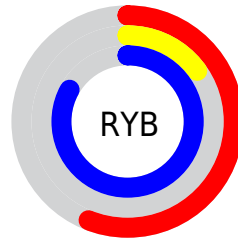
The YUV color **89.4160, 59.9409, 47.8702** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **159.5840, -59.9409, -47.8702**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.2930, 53.0996, 48.8550**, and **43.0850, 55.1741, 36.7595** is the 20% darker color. If you saturate the color by 10%, you get **74.6970, 67.1974, 53.7627**, and if you desaturate by 10%, it is **104.1350, 52.6844, 41.9776**.

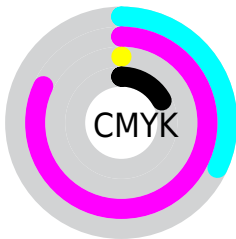
Distribution



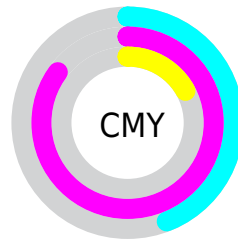
- Red (56%)
- Green (15%)
- Blue (83%)



- Red (56%)
- Yellow (15%)
- Blue (83%)



- Cyan (32%)
- Magenta (82%)
- Yellow (0%)
- Black (17%)



- Cyan (44%)
- Magenta (85%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.4160, 59.9409, 47.8702 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 89.4160, 59.9409, 47.8702 by changing the saturation by 10% instead.

89.4160, 59.9409,
47.8702

89.4160, 59.9409,
47.8702

255.0000, 0.0000,
0.0000

55.2470, 62.9822,
52.4034

147.2930, 53.0996,
48.8550

43.0850, 55.1741,
36.7595

172.6990, 40.5744,
52.8840

31.0370, 47.8028,
21.0156

195.7130, 29.2285,
51.9947

18.2060, 41.3104,
3.3273

212.1490, 21.1255,
37.5803

8.7780, 33.6334,
-7.6983

229.1720, 12.7332,
22.6512

8.9770, 21.7033,
-7.8728

246.1950, 4.3409,

4.7080, 12.9620,

7.7220

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 89.4160, 59.9409,
47.8702

■ 89.4160, 59.9409,
47.8702

■ 74.6970, 67.1974,
53.7627

■ 104.1350, 52.6844,
41.9776

■ 62.6250, 73.1489,
58.2109

■ 118.8540, 45.4280,
36.0850

■ 133.8720, 38.0241,
30.8073

■ 148.5910, 30.7676,
24.9147

■ 163.8970, 23.2218,
18.5073

■ 178.6160, 15.9653,
12.6148

■ 193.3350, 8.7088,
6.7222

■ 208.0540, 1.4524,
0.8296

■ 223.0720, -5.9515,
-4.4481

Harmonies

Analogous

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



85.4220, 83.6020, -74.9151



89.4160, 59.9409, 47.8702



79.2340, 29.4646, 116.4358

Triad

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



89.4160, 59.9409, 47.8702



91.2230, -44.9729, 51.5474



89.6940, 23.8149, -78.6616

Complementary

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



89.4160, 59.9409, 47.8702



159.5840, -59.9409, -47.8702

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.



78.9440, -12.2974, -69.2339



89.4160, 59.9409, 47.8702



86.7290, -42.7574, -5.9013

Square

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



89.4160, 59.9409, 47.8702



59.8000, -29.4814, 122.9554



69.8530, -34.4375, -61.2611



98.1300, 56.1379, -86.0600

Rectangle

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



89.4160, 59.9409, 47.8702



77.4920, 4.6874, 130.2415



69.8530, -34.4375, -61.2611



86.6160, 12.0213, -75.9622

Sweetspot

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



89.4160, 59.9409, 47.8702



209.9570, 22.2062, 17.5777



98.2250, 55.5981, -52.8173



100.6220, 13.4974, 10.8555



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



89.4160, 59.9409, 47.8702



79.2470, 86.6462, 69.0664



107.5110, 42.6391, 90.7599



97.3470, 3.7729, 3.2037



49.9490, 58.1991, 46.5257



12.1490, 14.2235, 11.2703

Inverse Universe

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



97.3650, 3.7641, 99.6579



90.8080, 5.5177, 143.9964



141.4890, -42.6391, -90.7599



97.7450, 0.1257, 6.3626



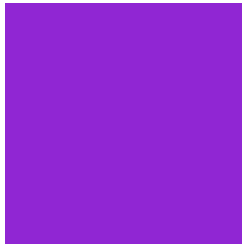
57.6420, 3.6275, 96.7840



14.0830, 0.9451, 23.6062

Previews

White Background



This preview shows how the YUV color 89.4160, 59.9409, 47.8702 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 89.4160, 59.9409, 47.8702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

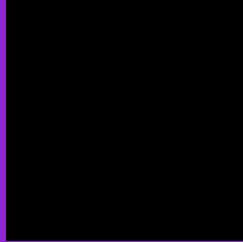
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.4160, 59.9409, 47.8702

Background



This preview shows how black text looks on a background with the YUV color 89.4160, 59.9409, 47.8702.



This preview shows how white text looks on a background with the YUV color 89.4160, 59.9409,

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

89.4160, 59.9409, 47.8702

Protanopia

77.8640, 59.7200, -68.2867

Deuteranopia

78.4220, 46.6270, -68.7761



Tritanopia

99.2630, -2.1017, 20.8173

Trichromacy



Original Color

89.4160, 59.9409, 47.8702

Protanomaly

82.1280, 59.5899, -26.4223

Deuteranomaly

82.0650, 51.7330, -26.3670

Tritanomaly

95.8770, 20.2736, 30.8029

Monochromacy



Original Color

89.4160, 59.9409, 47.8702

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8430, 21.7694, 17.6777

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.4160, 59.9409, 47.8702 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(144, 38, 211)` looks like.

```
.text, #text, p{  
    color:rgb(144, 38, 211)  
}
```

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(144, 38, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 38, 211) }
```

Border

The CSS property to change the border of an element to YUV 89.4160, 59.9409, 47.8702 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(144, 38, 211) }
```


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

```
.border{ border-color:rgb(144, 38, 211) }
```

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

Here you see how a box with a 4 pixel rgb(144, 38, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 38, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 38, 211);  
box-shadow:4px 4px 4px 4px rgb(144, 38,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 89.4160, 59.9409, 47.8702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 38, 211) }
```

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

```
.background{ background-color: rgb(144, 38,  
211) }
```

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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