

Converting Colors

YIQ(79.4260, 26.9050, 46.5610)

Have a look what the booklet for
YIQ(79.4260, 26.9050, 46.5610)
contains.

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Color

**YIQ(79.4260, 26.9050,
46.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	862A81
RGB	134, 42, 129
RGB Percent	53%, 16%, 51%
CMY	0.4742, 0.8354, 0.4941
CMYK	0.00, 0.69, 0.04, 0.47
HSL	303°, 52%, 35%
HSV	303°, 69%, 53%
XYZ	14.6323, 8.3125, 21.6056
YIQ	79.4260, 26.9050, 46.5610

Conversions

Conversions Part 2

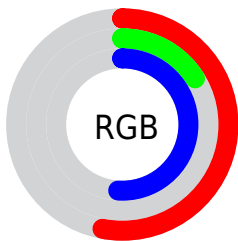
Format	Color
RYB	134, 42, 129
Decimal	8792705
CIELab	34.63, 49.76, -29.37
CIElCh	35, 57.783, 329.452
Yxy	8.3125, 0.3284, 0.1866
Android (android.graphics.Color)	4286982785 (0xFF862A81)
YUV	79.4260, 24.4400, 47.8614
Hunter-Lab	28.8314, 40.1362, -24.2487

Details

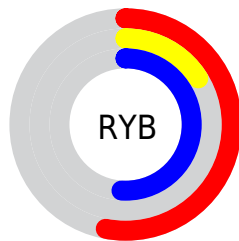
The YIQ color **79.4260, 26.9050, 46.5610** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **96.5740, -26.9050, -46.5610**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **133.3230, 28.6930, 47.1970**, and **33.2250, 22.9170, 41.7410** is the 20% darker color. If you saturate the color by 10%, you get **71.6810, 30.8010, 53.0490**, and if you desaturate by 10%, it is **87.1710, 23.0090, 40.0730**.

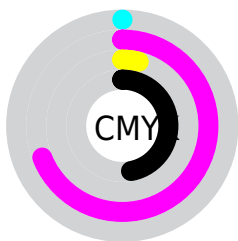
Distribution



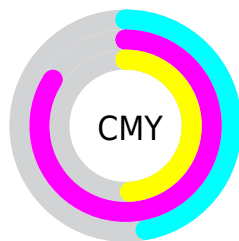
- Red (53%)
- Green (16%)
- Blue (51%)



- Red (53%)
- Yellow (16%)
- Blue (51%)



- Cyan (0%)
- Magenta (69%)
- Yellow (4%)
- Black (47%)



- Cyan (47%)
- Magenta (84%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.4260, 26.9050, 46.5610 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 YIQ color 79.4260, 26.9050, 46.5610 by changing the saturation by 10% instead.

■ 79.4260, 26.9050,
46.5610

■ 79.4260, 26.9050,
46.5610

■ 255.0000, -0.0000,
-0.0000

■ 48.5450, 28.1880,
50.8440

■ 133.3230, 28.6930,
47.1970

■ 33.2250, 22.9170,
41.7410

■ 161.0350, 29.5640,
47.9320

■ 23.1280, 15.4000,
29.2880

■ 188.7470, 30.4350,
48.6670

■ 13.1450, 7.5620,
17.1460

■ 209.2140, 21.4500,
40.7940

■ 0.7980, -2.2470,
2.1770

■ 225.6500, 13.7500,
26.1500

■ 0.0000, 0.0000,
0.0000

■ 242.6730, 5.7750,

10.9830

■ 79.4260, 26.9050,
46.5610

■ 79.4260, 26.9050,
46.5610

■ 71.6810, 30.8010,
53.0490

■ 87.1710, 23.0090,
40.0730

■ 63.4630, 34.6510,
60.3710

■ 95.3890, 19.1590,
32.7510

■ 55.7180, 38.5470,
66.8590

■ 103.1340, 15.2630,
26.2630

■ 54.5440, 39.0970,
67.9050

■ 111.4660, 11.0920,
19.2520

■ 119.2110, 7.1960,
12.7640

■ 126.8420, 3.6210,
5.9650

■ 135.1740, -0.5500,
-1.0460

■ 142.9190, -4.4460,
-7.5340

■ 151.2510, -8.6170,
-14.5450

Harmonies

Analogous

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



80.6130, -28.3860, 29.8700



79.4260, 26.9050, 46.5610



65.6230, 63.0790, 51.7750

Triad

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



79.4260, 26.9050, 46.5610



76.5720, 38.4710, -19.9050



73.6510, -68.2210, -13.6370

Complementary

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



79.4260, 26.9050, 46.5610



96.5740, -26.9050, -46.5610

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.



68.2930, -53.1340, -28.2540



79.4260, 26.9050, 46.5610



70.1500, 6.8840, -36.6680

Square

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



79.4260, 26.9050, 46.5610



74.9980, 64.2350, -2.2370



60.9460, -36.5800, -41.9240



75.8800, -78.6310, -1.1830

Rectangle

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



79.4260, 26.9050, 46.5610



67.4970, 71.7010, 38.6850



60.9460, -36.5800, -41.9240



71.9410, -63.4060, -18.3020

Sweetspot

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



79.4260, 26.9050, 46.5610



151.6400, 10.5420, 18.2060



53.9830, -26.5520, 29.6720



73.9720, 6.3710, 11.1950



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



79.4260, 26.9050, 46.5610



88.8480, 41.2970, 72.0890



74.1820, 41.6710, 32.2550



62.4780, 1.6500, 3.1380



52.8920, 37.9970, 65.8130



1.1250, 1.1460, 1.2580

Inverse Universe

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



79.4260, 26.9050, 46.5610



88.8480, 41.2970, 72.0890



101.8180, -41.6710, -32.2550



62.4780, 1.6500, 3.1380



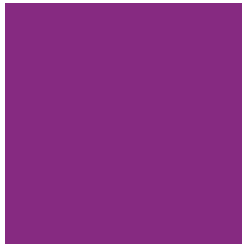
52.8920, 37.9970, 65.8130



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 79.4260, 26.9050, 46.5610 looks on a white background.

Color Contrast Check

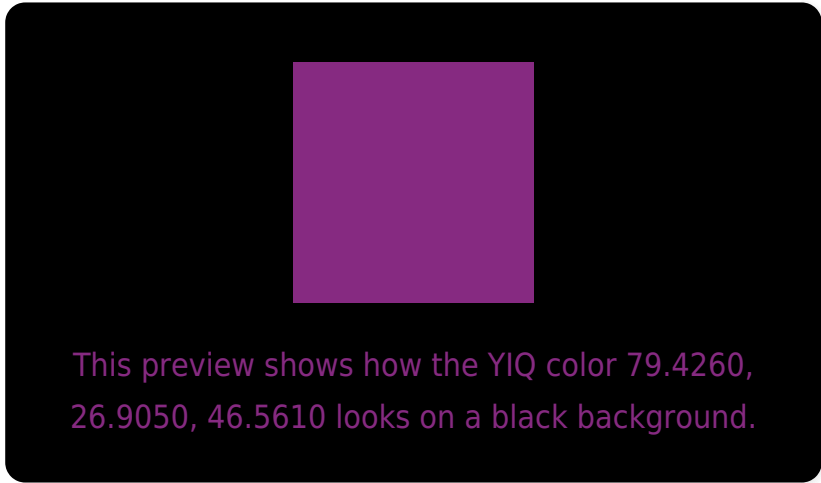
Large Text (above 18pt) WCAG AA ✓ Pass

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

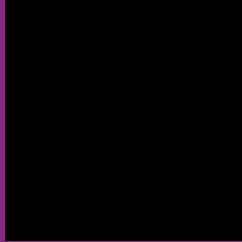
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.4260, 26.9050, 46.5610

Background



This preview shows how black text looks on a background with the YIQ color 79.4260, 26.9050, 46.5610.



This preview shows how white text looks on a background with the YIQ color 79.4260, 26.9050,

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

79.4260, 26.9050, 46.5610

Protanopia

74.0280, -57.9560, 15.1000

Deuteranopia

81.2920, -23.8890, 8.9350



Tritanopia

81.8910, 37.4560, 15.0240

Trichromacy



Original Color

79.4260, 26.9050, 46.5610

Protanomaly

75.9890, -26.6890, 26.6470

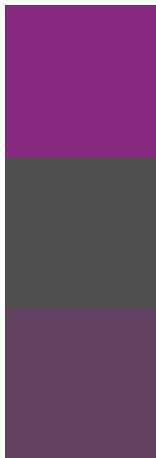
Deuteranomaly

80.1900, -5.5060, 22.7020

Tritanomaly

81.3010, 33.7860, 26.4740

Monochromacy



Original Color

79.4260, 26.9050, 46.5610

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.4010, 9.7170, 16.6370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.4260, 26.9050, 46.5610 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(134, 42, 129)` looks like.

```
.text, #text, p{  
    color:rgb(134, 42, 129)  
}
```

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(134, 42, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 42, 129) }
```

Border

The CSS property to change the border of an element to YIQ 79.4260, 26.9050, 46.5610 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(134, 42, 129) }
```


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

```
.border{ border-color:rgb(134, 42, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 42, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 42, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 42, 129);  
box-shadow:4px 4px 4px 4px rgb(134, 42,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 79.4260, 26.9050, 46.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 42, 129) }
```

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

```
.background{ background-color: rgb(134, 42,  
129) }
```

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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