

Converting Colors

YIQ(127.8640, -1.4720, 26.6880)

Have a look what the booklet for
YIQ(127.8640, -1.4720, 26.6880)
contains.

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Color

**YIQ(127.8640, -1.4720,
26.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6FAF
RGB	143, 111, 175
RGB Percent	56%, 44%, 69%
CMY	0.4391, 0.5647, 0.3138
CMYK	0.18, 0.37, 0.00, 0.31
HSL	270°, 29%, 56%
HSV	270°, 37%, 69%
XYZ	24.7523, 20.3029, 43.1644
YIQ	127.8640, -1.4720, 26.6880

Conversions

Conversions Part 2

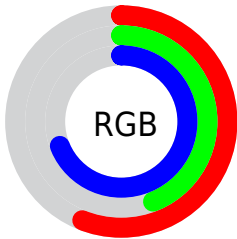
Format	Color
R _Y B	143, 111, 175
Decimal	9400239
CIE Lab	52.18, 25.43, -29.37
CIE LCh	52, 38.850, 310.881
Yxy	20.3029, 0.2806, 0.2301
Android (android.graphics.Color)	4287590319 (0xFF8F6FAF)
YUV	127.8640, 23.2380, 13.2743
Hunter-Lab	45.0587, 19.2035, -25.2564

Details

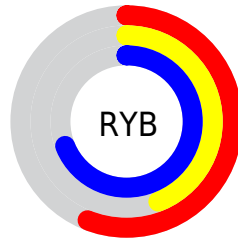
The YIQ color **127.8640, -1.4720, 26.6880** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **158.1360, 1.4720, -26.6880**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.2170, -0.9680, 28.5680**, and **78.0980, -2.2510, 24.2850** is the 20% darker color. If you saturate the color by 10%, you get **114.6070, -1.8860, 34.1940**, and if you desaturate by 10%, it is **140.5340, -0.7830, 19.7050**.

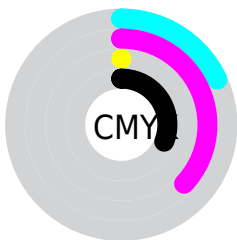
Distribution



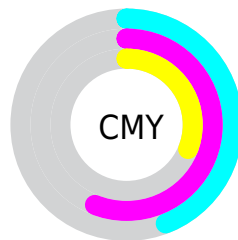
- Red (56%)
- Green (44%)
- Blue (69%)



- Red (56%)
- Yellow (44%)
- Blue (69%)



- Cyan (18%)
- Magenta (37%)
- Yellow (0%)
- Black (31%)



- Cyan (44%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.8640, -1.4720, 26.6880 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 127.8640, -1.4720, 26.6880 by changing the saturation by 10% instead.

127.8640, -1.4720,
26.6880

127.8640, -1.4720,
26.6880

255.0000, -0.0000,
-0.0000

102.3370, -1.4260,
25.8540

181.2170, -0.9680,
28.5680

78.0980, -2.2510,
24.2850

208.1740, 0.5910,
27.8470

54.5710, -2.2050,
23.4510

233.2810, 10.1750,
19.3510

31.7450, -2.7550,
22.4050

250.3040, 2.2000,
4.1840

12.5770, -2.3420,
20.4260

4.3660, -9.5380,
7.6620

0.0000, 0.0000,

0.0000

■ 127.8640, -1.4720,
26.6880

■ 127.8640, -1.4720,
26.6880

■ 114.6070, -1.8860,
34.1940

■ 140.5340, -0.7830,
19.7050

■ 102.2360, -1.9790,
41.3890

■ 153.7910, -0.3690,
12.1990

■ 88.9790, -2.3930,
48.8950

■ 166.1620, -0.2760,
5.0040

■ 76.3090, -3.0820,
55.8780

■ 179.4190, 0.1380,
-2.5020

■ 63.0520, -3.4960,
63.3840

■ 192.0890, 0.8270,
-9.4850

■ 50.6810, -3.5890,
70.5790

■ 205.0470, 0.6450,
-17.2030

■ 46.2620, -3.7270,
73.0810

■ 217.7170, 1.3340,
-24.1860

■ 230.9740, 1.7480,
-31.6920

■ 236.0130, 6.0120,
-31.8760

Harmonies

Analogous

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



121.6570, -40.8540, 13.5300



127.8640, -1.4720, 26.6880



127.7830, 29.6130, 30.5170

Triad

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



127.8640, -1.4720, 26.6880



122.8970, 45.3460, -6.8300



98.8580, -82.7060, -31.9700

Complementary

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



127.8640, -1.4720, 26.6880



158.1360, 1.4720, -26.6880

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.



107.7470, -42.9090, -31.8450



127.8640, -1.4720, 26.6880



120.2270, 26.3210, -19.9750

Square

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



127.8640, -1.4720, 26.6880



124.2270, 53.8250, 10.2170



116.1570, -3.0210, -27.8610



101.2180, -92.1070, -21.2830

Rectangle

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



127.8640, -1.4720, 26.6880



126.5040, 43.4600, 27.3640



116.1570, -3.0210, -27.8610



96.9030, -78.5790, -35.1790

Sweetspot

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



127.8640, -1.4720, 26.6880



208.4380, -0.8730, 10.3190



137.0800, -29.3440, 3.1680



103.8030, -0.6430, 6.1490



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



127.8640, -1.4720, 26.6880



153.3500, -2.3000, 41.7000



137.4320, 17.6000, 33.4720



80.2220, -0.5050, 3.6470



39.5250, -3.4500, 62.5500



5.9110, -0.8270, 9.4850

Inverse Universe

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



133.7840, 27.8720, 23.5200



162.6000, 43.5500, 36.7500



148.5680, -17.6000, -33.4720



81.1470, 4.0800, 3.1520



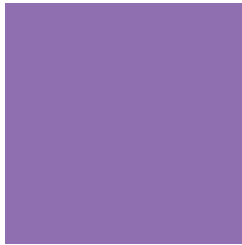
53.4000, 65.3250, 55.1250



8.1310, 10.1770, 8.2970

Previews

White Background



This preview shows how the YIQ color 127.8640, -1.4720, 26.6880 looks on a white 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

Black Background



This preview shows how the YIQ color 127.8640, -1.4720, 26.6880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

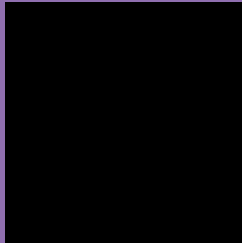
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.8640, -1.4720, 26.6880

Background



This preview shows how black text looks on a background with the YIQ color 127.8640, -1.4720, 26.6880.



This preview shows how white text looks on a background with the YIQ color 127.8640, -1.4720,

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

127.8640, -1.4720, 26.6880

Protanopia

124.2730, -30.9050, 14.9430

Deuteranopia

124.5140, -24.3940, 12.5820



Tritanopia

125.6250, 5.7300, 6.2900

Trichromacy



Original Color

127.8640, -1.4720, 26.6880

Protanomaly

125.7690, -20.4980, 19.0700

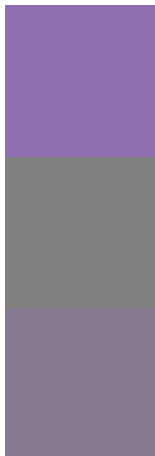
Deuteranomaly

125.8680, -16.4630, 17.5290

Tritanomaly

126.5850, 3.2070, 13.4710

Monochromacy



Original Color

127.8640, -1.4720, 26.6880

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.9110, -0.8270, 9.4850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.8640, -1.4720, 26.6880 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(143, 111, 175)` looks like.

```
.text, #text, p{  
    color:rgb(143, 111, 175)  
}
```

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(143, 111, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 111, 175) }
```

Border

The CSS property to change the border of an element to YIQ 127.8640, -1.4720, 26.6880 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(143, 111, 175) }
```


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

```
.border{ border-color:rgb(143, 111, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 111, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 111, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 111, 175);  
box-shadow:4px 4px 4px 4px rgb(143, 111,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 127.8640, -1.4720, 26.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 111, 175) }
```

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

```
.background{ background-color: rgb(143,  
111, 175) }
```

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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