

Converting Colors

YIQ(127.9140, 4.2590, 27.4510)

Have a look what the booklet for
YIQ(127.9140, 4.2590, 27.4510)
contains.

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Color

**YIQ(127.9140, 4.2590,
27.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	956DAA
RGB	149, 109, 170
RGB Percent	58%, 43%, 67%
CMY	0.4155, 0.5726, 0.3334
CMYK	0.12, 0.36, 0.00, 0.33
HSL	279°, 26%, 55%
HSV	279°, 36%, 67%
XYZ	25.1225, 20.2285, 40.6068
YIQ	127.9140, 4.2590, 27.4510

Conversions

Conversions Part 2

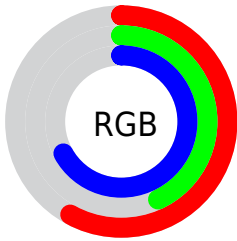
Format	Color
R _Y B	149, 109, 170
Decimal	9792938
CIE Lab	52.09, 27.37, -26.56
CIE LCh	52, 38.136, 315.865
Yxy	20.2285, 0.2923, 0.2353
Android (android.graphics.Color)	4287983018 (0xFF956DAA)
YUV	127.9140, 20.7484, 18.4924
Hunter-Lab	44.9761, 20.9973, -22.0469

Details

The YIQ color **127.9140, 4.2590, 27.4510** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **151.0860, -4.2590, -27.4510**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.1530, 5.0840, 29.0200**, and **77.6750, 3.4340, 25.8820** is the 20% darker color. If you saturate the color by 10%, you get **116.1410, 5.3580, 35.0700**, and if you desaturate by 10%, it is **139.6870, 3.1600, 19.8320**.

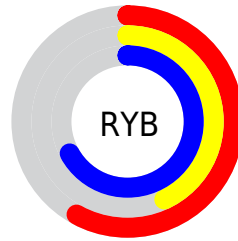
Distribution



Red (58%)

Green (43%)

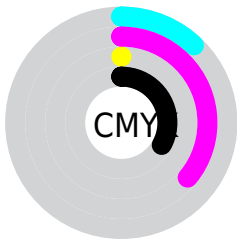
Blue (67%)



Red (58%)

Yellow (43%)

Blue (67%)

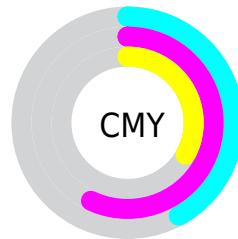


Cyan (12%)

Magenta (36%)

Yellow (0%)

Black (33%)



Cyan (42%)

Magenta (57%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.9140, 4.2590, 27.4510 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 127.9140, 4.2590, 27.4510 by changing the saturation by 10% instead.

127.9140, 4.2590,
27.4510

127.9140, 4.2590,
27.4510

255.0000, -0.0000,
-0.0000

102.3870, 4.3050,
26.6170

181.1530, 5.0840,
29.0200

77.6750, 3.4340,
25.8820

208.6800, 5.0380,
29.8540

54.4360, 2.6090,
24.3130

232.1070, 10.7250,
20.3970

31.3220, 2.9300,
24.0020

249.1300, 2.7500,
5.2300

13.9150, 2.5180,
20.4540

3.4370, -8.3000,
7.2520

0.0000, 0.0000,

0.0000

■ 127.9140, 4.2590,
27.4510

■ 127.9140, 4.2590,
27.4510

■ 116.1410, 5.3580,
35.0700

■ 139.6870, 3.1600,
19.8320

■ 104.3680, 6.4570,
42.6890

■ 151.4600, 2.0610,
12.2130

■ 92.8940, 8.1520,
50.5200

■ 163.2330, 0.9620,
4.5940

■ 81.1210, 9.2510,
58.1390

■ 174.7070, -0.7330,
-3.2370

■ 69.3480, 10.3500,
65.7580

■ 186.4800, -1.8320,
-10.8560

■ 57.5750, 11.4490,
73.3770

■ 198.2530, -2.9310,
-18.4750

■ 52.8680, 12.1820,
76.6140

■ 210.0260, -4.0300,
-26.0940

■ 221.7990, -5.1290,
-33.7130

■ 229.4630, -4.3030,
-37.6710

Harmonies

Analogous

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



123.4300, -32.7850, 15.9750



127.9140, 4.2590, 27.4510



127.1100, 33.0060, 29.5980

Triad

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



127.9140, 4.2590, 27.4510



122.4620, 42.1370, -9.2470



98.8410, -84.0360, -29.8920

Complementary

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



127.9140, 4.2590, 27.4510



151.0860, -4.2590, -27.4510

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.



105.7400, -50.1990, -31.8870



127.9140, 4.2590, 27.4510



119.8350, 21.5530, -21.6710

Square

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



127.9140, 4.2590, 27.4510



123.8630, 51.8540, 7.3900



115.5200, -8.4770, -28.1010



100.9730, -92.7950, -19.8270

Rectangle

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



127.9140, 4.2590, 27.4510



125.8200, 45.3860, 25.4980



115.5200, -8.4770, -28.1010



97.5870, -80.5050, -33.3130

Sweetspot

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



127.9140, 4.2590, 27.4510



204.6340, 1.5110, 11.1670



128.2810, -25.3560, 7.9880



102.2870, 0.8700, 6.2620



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



127.9140, 4.2590, 27.4510



155.7810, 6.7320, 43.2120



133.1670, 19.6640, 29.1040



78.4070, 0.4120, 3.5480



45.8750, 10.3040, 66.5920



6.1670, 1.3280, 8.9760

Inverse Universe

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



129.6330, 29.6150, 19.4630



158.4660, 46.6230, 30.6150



145.8330, -19.6640, -29.1040



78.7340, 3.8050, 2.6290



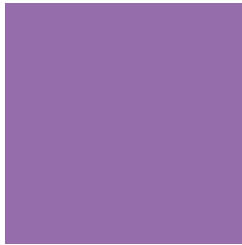
50.0660, 71.8370, 47.2370



6.7780, 9.6730, 6.4170

Previews

White Background



This preview shows how the YIQ color 127.9140, 4.2590, 27.4510 looks on a white background.

Color Contrast Check

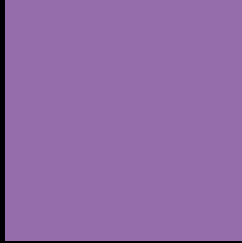
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.9140, 4.2590, 27.4510 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 127.9140, 4.2590, 27.4510

Background



This preview shows how black text looks on a background with the YIQ color 127.9140, 4.2590, 27.4510.



This preview shows how white text looks on a background with the YIQ color 127.9140, 4.2590,

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

127.9140, 4.2590, 27.4510

Protanopia

124.5290, -28.7500, 14.4340

Deuteranopia

125.0260, -20.0840, 11.5640



Tritanopia

126.2020, 11.4150, 7.8870

Trichromacy



Original Color

127.9140, 4.2590, 27.4510

Protanomaly

125.9220, -16.5550, 19.1970

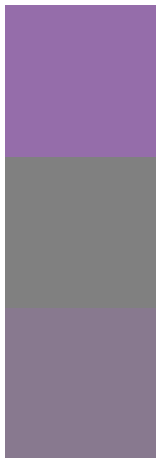
Deuteranomaly

126.0920, -11.2820, 17.2460

Tritanomaly

127.1620, 8.8920, 15.0680

Monochromacy



Original Color

127.9140, 4.2590, 27.4510

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.9930, 1.8780, 10.0220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.9140, 4.2590, 27.4510 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(149, 109, 170)` looks like.

```
.text, #text, p{  
    color:rgb(149, 109, 170)  
}
```

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(149, 109, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 109, 170) }
```

Border

The CSS property to change the border of an element to YIQ 127.9140, 4.2590, 27.4510 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(149, 109, 170) }
```


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

```
.border{ border-color:rgb(149, 109, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 109, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 109, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 109, 170);  
box-shadow:4px 4px 4px 4px rgb(149, 109,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 127.9140, 4.2590, 27.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 109, 170) }
```

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

```
.background{ background-color: rgb(149,  
109, 170) }
```

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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