

# Converting Colors

YIQ(143.4690, 7.0100, 27.1540)

Have a look what the booklet for  
YIQ(143.4690, 7.0100, 27.1540)  
contains.

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# Color

**YIQ(143.4690, 7.0100,  
27.1540)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A77CB6
RGB	167, 124, 182
RGB Percent	65%, 49%, 71%
CMY	0.3450, 0.5138, 0.2863
CMYK	0.08, 0.32, 0.00, 0.29
HSL	285°, 28%, 60%
HSV	285°, 32%, 71%
XYZ	31.5923, 26.0074, 47.6084
YIQ	143.4690, 7.0100, 27.1540

# Conversions

## Conversions Part 2

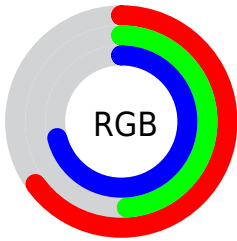
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 124, 182
Decimal	10976438
CIELab	58.04, 27.20, -24.14
CIELCh	58, 36.363, 318.410
Yxy	26.0074, 0.3003, 0.2472
Android (android.graphics.Color)	4289166518 (0xFFA77CB6)
YUV	143.4690, 18.9958, 20.6367
Hunter-Lab	50.9974, 21.3330, -19.6518

# Details

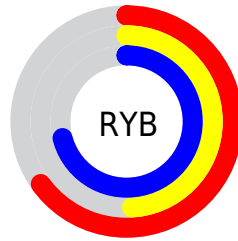
The YIQ color **143.4690, 7.0100, 27.1540** is a light color, and the websafe version is hex **996699**. A complement of this color would be **162.5310, -7.0100, -27.1540**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.7080, 7.8350, 28.7230**, and **92.2300, 6.1850, 25.5850** is the 20% darker color. If you saturate the color by 10%, you get **131.4080, 8.9800, 35.5080**, and if you desaturate by 10%, it is **155.5300, 5.0400, 18.8000**.

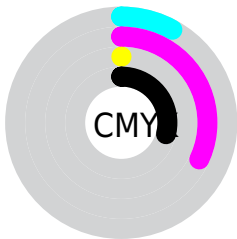
# Distribution



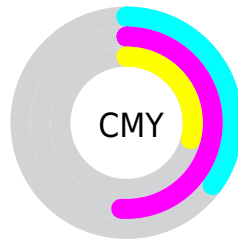
- Red (65%)
- Green (49%)
- Blue (71%)



- Red (65%)
- Yellow (49%)
- Blue (71%)



- Cyan (8%)
- Magenta (32%)
- Yellow (0%)
- Black (29%)



- Cyan (35%)
- Magenta (51%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 143.4690, 7.0100, 27.1540 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 143.4690, 7.0100, 27.1540 by changing the saturation by 10% instead.



■ 143.4690, 7.0100,  
27.1540

■ 143.4690, 7.0100,  
27.1540

■ 255.0000, -0.0000,  
-0.0000

■ 117.6430, 6.4600,  
26.1080

■ 197.7080, 7.8350,  
28.7230

■ 92.2300, 6.1850,  
25.5850

■ 224.7530, 11.9620,  
25.5140

■ 68.4040, 5.6350,  
24.5390

■ 242.0860, 6.0500,  
11.5060

■ 44.8770, 5.6810,  
23.7050

■ 22.1650, 4.8100,  
22.9700

■ 9.9700, 0.6850,  
15.1250

■ 1.0260, -2.8890,

2.7990

■ 0.0000, 0.0000,  
0.0000

■ 143.4690, 7.0100,  
27.1540

■ 143.4690, 7.0100,  
27.1540

■ 131.4080, 8.9800,  
35.5080

■ 155.5300, 5.0400,  
18.8000

■ 119.6460, 11.5460,  
44.0740

■ 167.2920, 2.4740,  
10.2340

■ 106.9980, 13.7910,  
52.9510

■ 179.9400, 0.2290,  
1.3570

■ 94.9370, 15.7610,  
61.3050

■ 192.0010, -1.7410,  
-6.9970

■ 83.1750, 18.3270,  
69.8710

■ 204.0620, -3.7110,  
-15.3510

71.1140, 20.2970,  
78.2250

215.8240, -6.2770,  
-23.9170

61.1130, 22.0380,  
85.2220

227.8850, -8.2470,  
-32.2710

231.7280, -6.3670,  
-33.3030

232.9240, -3.9830,  
-32.4550

# Harmonies

## Analogous

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



139.7080, -27.6960, 17.3600



143.4690, 7.0100, 27.1540



142.6540, 34.2900, 28.3540

# Triad

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



143.4690, 7.0100, 27.1540



137.9780, 40.6240, -9.3600



109.5840, -93.6180, -32.4500

# Complementary

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



143.4690, 7.0100, 27.1540



162.5310, -7.0100, -27.1540

# 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.



122.9900, -47.9070, -29.3710



143.4690, 7.0100, 27.1540



135.2800, 18.8020, -21.3740

# Square

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



143.4690, 7.0100, 27.1540



139.6240, 51.0290, 5.8210



130.6770, -10.3570, -27.0690



111.0150, -101.7810, -22.1730



# Rectangle

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



143.4690, 7.0100, 27.1540



141.7660, 45.4780, 23.8300



130.6770, -10.3570, -27.0690



108.7430, -89.8120, -35.3480

# Sweetspot

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



143.4690, 7.0100, 27.1540



221.1180, 3.0240, 11.2800



139.4170, -22.7430, 10.1930



109.9990, 1.7410, 6.9970



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000



# Same Dimension

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



143.4690, 7.0100, 27.1540



177.2930, 11.0420, 42.1940



146.3580, 20.4440, 25.9800



85.8200, 0.6870, 4.0710



52.1690, 18.4640, 72.8960



9.4710, 3.5280, 13.1600



# Inverse Universe

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



143.0520, 29.7530, 16.9610



176.5320, 46.2570, 26.2330



159.6420, -20.4440, -25.9800



85.9190, 4.7220, 2.5300



51.2040, 80.1360, 45.5120



9.1700, 14.4410, 8.1130



# Previews

## White Background



This preview shows how the YIQ color 143.4690, 7.0100, 27.1540 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

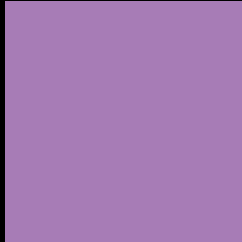
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 143.4690, 7.0100, 27.1540 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

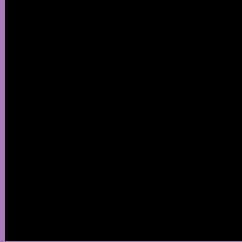
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 143.4690, 7.0100, 27.1540

## Background



This preview shows how black text looks on a background with the YIQ color 143.4690, 7.0100, 27.1540.



This preview shows how white text looks on a background with the YIQ color 143.4690, 7.0100,



# 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

143.4690, 7.0100, 27.1540

### Protanopia

139.9700, -25.6780, 13.8260

### Deuteranopia

140.2930, -16.4620, 12.0020



## Tritanopia

141.8110, 14.0740, 9.2580

# Trichromacy



## Original Color

143.4690, 7.0100, 27.1540

## Protanomaly

141.3630, -13.4830, 18.5890

## Deuteranomaly

141.3590, -7.6600, 17.6840

## Tritanomaly

142.3580, 11.2760, 15.9160

# Monochromacy



## Original Color

143.4690, 7.0100, 27.1540

## Achromatopsia

143.0000, -0.0000, 0.0000

## Achromatomaly

143.1780, 2.7950, 9.9230

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 143.4690, 7.0100, 27.1540 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(167, 124, 182)` looks like.

```
.text, #text, p{  
    color:rgb(167, 124, 182)  
}
```

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(167, 124, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 124, 182) }
```

## Border

The CSS property to change the border of an element to YIQ 143.4690, 7.0100, 27.1540 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(167, 124, 182) }
```



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

```
.border{ border-color:rgb(167, 124, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 124, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 124, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 124, 182);  
box-shadow:4px 4px 4px 4px rgb(167, 124,  
182) }
```

# Background

The CSS property to change the background color of an element to YIQ 143.4690, 7.0100, 27.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 124, 182) }
```

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

```
.background{ background-color: rgb(167,  
124, 182) }
```

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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