

# Converting Colors

YIQ(140.4030, 7.3760, 31.5360)

Have a look what the booklet for  
YIQ(140.4030, 7.3760, 31.5360)  
contains.

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# Color

**YIQ(140.4030, 7.3760,  
31.5360)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A776BA
RGB	167, 118, 186
RGB Percent	65%, 46%, 73%
CMY	0.3449, 0.5373, 0.2706
CMYK	0.10, 0.37, 0.00, 0.27
HSL	283°, 33%, 60%
HSV	283°, 37%, 73%
XYZ	31.2832, 24.7169, 49.5731
YIQ	140.4030, 7.3760, 31.5360

# Conversions

## Conversions Part 2

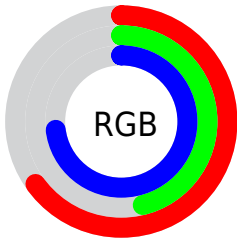
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 118, 186
Decimal	10974906
CIE <sub>Lab</sub>	56.80, 31.43, -28.35
CIE <sub>LCh</sub>	57, 42.325, 317.956
Yxy	24.7169, 0.2963, 0.2341
Android (android.graphics.Color)	4289164986 (0xFFA776BA)
YUV	140.4030, 22.4793, 23.3256
Hunter-Lab	49.7161, 25.3158, -24.3182

# Details

The YIQ color **140.4030, 7.3760, 31.5360** is a light color, and the websafe version is hex **996699**. A complement of this color would be **163.5970, -7.3760, -31.5360**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.6420, 8.2010, 33.1050**, and **89.1640, 6.5510, 29.9670** is the 20% darker color. If you saturate the color by 10%, you get **127.7550, 9.6210, 40.4130**, and if you desaturate by 10%, it is **153.0510, 5.1310, 22.6590**.

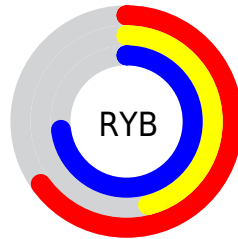
# Distribution



Red (65%)

Green (46%)

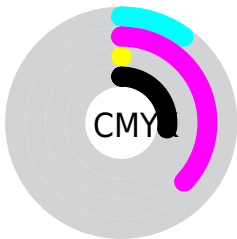
Blue (73%)



Red (65%)

Yellow (46%)

Blue (73%)

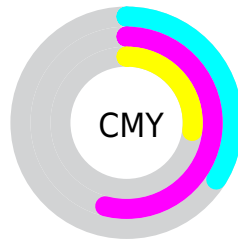


Cyan (10%)

Magenta (37%)

Yellow (0%)

Black (27%)



Cyan (34%)

Magenta (54%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 140.4030, 7.3760, 31.5360 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 140.4030, 7.3760, 31.5360 by changing the saturation by 10% instead.



140.4030, 7.3760,  
31.5360

140.4030, 7.3760,  
31.5360

255.0000, -0.0000,  
-0.0000

114.5770, 6.8260,  
30.4900

194.6420, 8.2010,  
33.1050

89.1640, 6.5510,  
29.9670

220.6440, 13.8870,  
29.1750

64.9250, 5.7260,  
28.3980

238.5640, 7.7000,  
14.6440

41.5120, 5.4510,  
27.8750

18.6860, 4.9010,  
26.8290

9.0020, -2.3410,  
14.8990

2.0690, -4.4480,

3.5200

■ 0.0000, 0.0000,  
0.0000

■ 140.4030, 7.3760,  
31.5360

■ 140.4030, 7.3760,  
31.5360

■ 127.7550, 9.6210,  
40.4130

■ 153.0510, 5.1310,  
22.6590

■ 115.6940, 11.5910,  
48.7670

■ 165.1120, 3.1610,  
14.3050

■ 102.7470, 13.2400,  
57.4320

■ 178.0590, 1.5120,  
5.6400

■ 90.6860, 15.2100,  
65.7860

■ 190.1200, -0.4580,  
-2.7140

■ 78.0380, 17.4550,  
74.6630

■ 202.7680, -2.7030,  
-11.5910

■ 65.3900, 19.7000,  
83.5400

■ 215.4160, -4.9480,  
-20.4680

■ 61.2700, 20.1580,  
86.2540

■ 227.4770, -6.9180,  
-28.8220

■ 233.3800, -5.2670,  
-31.2110

■ 234.8750, -2.2870,  
-30.1510

# Harmonies

## Analogous

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



135.3530, -33.8860, 19.4100



140.4030, 7.3760, 31.5360



139.1540, 38.8740, 33.3860

# Triad

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



140.4030, 7.3760, 31.5360



134.0340, 46.2180, -11.6220



108.9970, -93.3430, -31.9270

# Complementary

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



140.4030, 7.3760, 31.5360



163.5970, -7.3760, -31.5360

# 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.



111.8520, -65.3740, -37.7100



140.4030, 7.3760, 31.5360



130.9120, 22.6540, -25.1060

# Square

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



140.4030, 7.3760, 31.5360



136.1580, 58.2730, 6.6970



125.8460, -12.5110, -32.0870



110.8840, -102.7900, -20.4060



# Rectangle

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



140.4030, 7.3760, 31.5360



137.5220, 52.2170, 28.3530



125.8460, -12.5110, -32.0870



107.5150, -89.1700, -35.9700

# Sweetspot

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



140.4030, 7.3760, 31.5360



224.6450, 2.9780, 12.1140



136.9050, -27.0530, 11.2110



111.4120, 2.0160, 7.5200



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000



# Same Dimension

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



140.4030, 7.3760, 31.5360



171.1070, 11.8660, 49.2900



144.3740, 23.5150, 30.8990



85.8200, 0.6870, 4.0710



51.2720, 16.6760, 72.2600



9.1720, 2.9320, 12.9480



# Inverse Universe

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



140.4980, 34.4290, 20.3250



171.0000, 53.8670, 31.4910



159.6260, -23.5150, -30.8990



85.9190, 4.7220, 2.5300



51.5460, 79.1730, 46.4450



9.2840, 14.1200, 8.4240



# Previews

## White Background



This preview shows how the YIQ color 140.4030, 7.3760, 31.5360 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

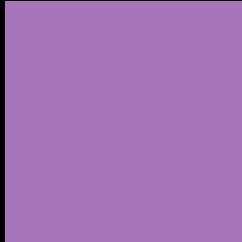
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 140.4030, 7.3760, 31.5360 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 140.4030, 7.3760, 31.5360

## Background



This preview shows how black text looks on a background with the YIQ color 140.4030, 7.3760, 31.5360.



This preview shows how white text looks on a background with the YIQ color 140.4030, 7.3760,



# 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

140.4030, 7.3760, 31.5360

### Protanopia

135.7290, -32.1890, 16.1870

### Deuteranopia

137.1830, -21.9640, 12.5960



## Tritanopia

138.7080, 15.8620, 9.8940

# Trichromacy



## Original Color

140.4030, 7.3760, 31.5360

## Protanomaly

137.3180, -17.6100, 21.7980

## Deuteranomaly

138.5590, -11.0990, 19.4370

## Tritanomaly

139.1950, 13.2930, 17.9090

# Monochromacy



## Original Color

140.4030, 7.3760, 31.5360

## Achromatopsia

140.0000, 0.0000, 0.0000

## Achromatomaly

140.2320, 2.7030, 11.5910

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 140.4030, 7.3760, 31.5360 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, 118, 186)` looks like.

```
.text, #text, p{  
    color:rgb(167, 118, 186)  
}
```

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, 118, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 118, 186) }
```

## Border

The CSS property to change the border of an element to YIQ 140.4030, 7.3760, 31.5360 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, 118, 186) }
```



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

```
.border{ border-color:rgb(167, 118, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 118, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 118, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 118, 186);  
box-shadow:4px 4px 4px 4px rgb(167, 118,  
186) }
```

# Background

The CSS property to change the background color of an element to YIQ 140.4030, 7.3760, 31.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 118, 186) }
```

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

```
.background{ background-color: rgb(167,  
118, 186) }
```

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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