

Converting Colors

YIQ(148.8800, 1.5990, 31.6070)

Have a look what the booklet for
YIQ(148.8800, 1.5990, 31.6070)
contains.

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Color

**YIQ(148.8800, 1.5990,
31.6070)**

Conversions

Conversions Part 1

Format	Color
Hex	AA80C9
RGB	170, 128, 201
RGB Percent	67%, 50%, 79%
CMY	0.3332, 0.4981, 0.2118
CMYK	0.15, 0.36, 0.00, 0.21
HSL	275°, 40%, 65%
HSV	275°, 36%, 79%
XYZ	34.8436, 28.2004, 58.8572
YIQ	148.8800, 1.5990, 31.6070

Conversions

Conversions Part 2

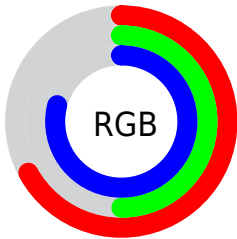
Format	Color
RYB	170, 128, 201
Decimal	11174089
CIELab	60.07, 29.96, -31.77
CIELCh	60, 43.668, 313.326
Yxy	28.2004, 0.2858, 0.2313
Android (android.graphics.Color)	4289364169 (0xFFAA80C9)
YUV	148.8800, 25.6952, 18.5222
Hunter-Lab	53.1041, 24.1885, -28.5405

Details

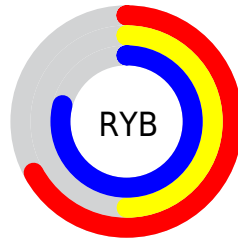
The YIQ color **148.8800, 1.5990, 31.6070** is a light color, and the websafe version is hex **996699**. A complement of this color would be **180.1200, -1.5990, -31.6070**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **202.8910, 3.0660, 32.5540**, and **97.5270, 1.0950, 29.7270** is the 20% darker color. If you saturate the color by 10%, you get **134.7480, 2.3310, 40.3710**, and if you desaturate by 10%, it is **163.3110, 1.4630, 23.0550**.

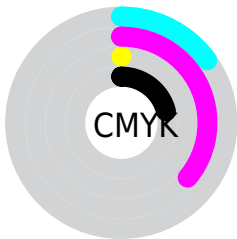
Distribution



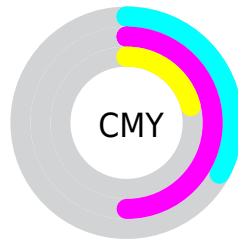
- Red (67%)
- Green (50%)
- Blue (79%)



- Red (67%)
- Yellow (50%)
- Blue (79%)



- Cyan (15%)
- Magenta (36%)
- Yellow (0%)
- Black (21%)



- Cyan (33%)
- Magenta (50%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.8800, 1.5990, 31.6070 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 148.8800, 1.5990, 31.6070 by changing the saturation by 10% instead.

■ 148.8800, 1.5990,
31.6070

■ 148.8800, 1.5990,
31.6070

255.0000, -0.0000,
-0.0000

■ 122.9400, 1.3700,
30.2500

■ 202.8910, 3.0660,
32.5540

■ 97.5270, 1.0950,
29.7270

■ 227.9980, 12.6500,
24.0580

■ 72.7010, 0.5450,
28.6810

■ 245.0210, 4.6750,
8.8910

■ 49.4620, -0.2800,
27.1120

■ 25.9350, -0.2340,
26.2780

■ 13.0610, -0.8290,
20.5390

■ 3.6650, -8.9420,

7.8740

■ 0.0000, 0.0000,
0.0000

■ 148.8800, 1.5990,
31.6070

■ 148.8800, 1.5990,
31.6070

■ 134.7480, 2.3310,
40.3710

■ 163.3110, 1.4630,
23.0550

■ 120.3170, 2.4670,
48.9230

■ 177.4430, 0.7310,
14.2910

■ 105.8860, 2.6030,
57.4750

■ 191.8740, 0.5950,
5.7390

■ 91.7540, 3.3350,
66.2390

■ 206.0060, -0.1370,
-3.0250

■ 76.7360, 3.7460,
75.3140

■ 220.4370, -0.2730,
-11.5770

62.6040, 4.4780,
84.0780

235.1560, -1.2800,
-20.8640

57.5980, 4.6150,
87.1030

241.3690, 2.4340,
-22.0940

243.7610, 7.2020,
-20.3980

246.4520, 12.5660,
-18.4900

Harmonies

Analogous

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



142.5090, -43.1930, 17.3750



148.8800, 1.5990, 31.6070



148.5390, 36.3520, 35.0400

Triad

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



148.8800, 1.5990, 31.6070



142.8390, 51.2610, -9.4030



114.6220, -96.7810, -35.7010

Complementary

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



148.8800, 1.5990, 31.6070



180.1200, -1.5990, -31.6070

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.



123.8270, -55.0580, -37.4420



148.8800, 1.5990, 31.6070



139.6630, 27.7890, -24.5550

Square

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



148.8800, 1.5990, 31.6070



144.5330, 61.7110, 10.4710



135.2550, -6.4130, -32.4690



117.4380, -107.4660, -23.7700

Rectangle

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



148.8800, 1.5990, 31.6070



146.5160, 52.3540, 31.3780



135.2550, -6.4130, -32.4690



113.1400, -92.6080, -39.7440

Sweetspot

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



148.8800, 1.5990, 31.6070



234.9760, 0.5480, 12.1000



155.1060, -32.2330, 5.9670



115.6290, -0.0930, 7.1950



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



148.8800, 1.5990, 31.6070



174.9040, 2.1920, 48.4000



157.5790, 21.6800, 36.6240



92.5210, 0.0910, 3.8590



46.6880, 3.7010, 70.6210



10.3830, 0.9600, 15.6480

Inverse Universe

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



153.3610, 33.5570, 25.1170



181.8460, 51.6650, 38.3610



171.4210, -21.6800, -36.6240



93.1470, 4.0800, 3.1520



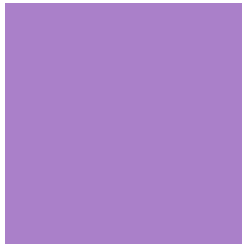
56.6030, 74.9990, 56.0150



12.4740, 16.6410, 12.2970

Previews

White Background



This preview shows how the YIQ color 148.8800, 1.5990, 31.6070 looks on a white background.

Color Contrast Check

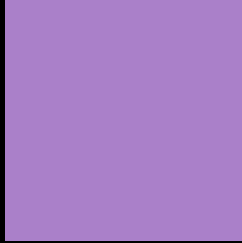
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.8800, 1.5990, 31.6070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

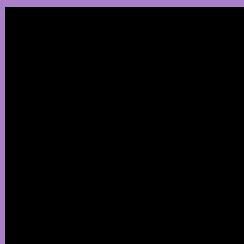
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.8800, 1.5990, 31.6070

Background



This preview shows how black text looks on a background with the YIQ color 148.8800, 1.5990, 31.6070.



This preview shows how white text looks on a background with the YIQ color 148.8800, 1.5990,

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

148.8800, 1.5990, 31.6070

Protanopia

144.7010, -34.9860, 17.3180

Deuteranopia

145.0840, -25.9990, 14.1370



Tritanopia

147.0170, 10.4980, 7.9860

Trichromacy



Original Color

148.8800, 1.5990, 31.6070

Protanomaly

146.3930, -22.1950, 22.2930

Deuteranomaly

146.7480, -16.0050, 20.2430

Tritanomaly

147.7320, 7.2870, 16.6230

Monochromacy



Original Color

148.8800, 1.5990, 31.6070

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.8620, 0.8690, 11.7890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.8800, 1.5990, 31.6070 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(170, 128, 201)` looks like.

```
.text, #text, p{  
    color:rgb(170, 128, 201)  
}
```

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(170, 128, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 128, 201) }
```

Border

The CSS property to change the border of an element to YIQ 148.8800, 1.5990, 31.6070 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(170, 128, 201) }
```


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

```
.border{ border-color:rgb(170, 128, 201) }
```

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

Here you see how a box with a 4 pixel rgb(170, 128, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 128, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 128, 201);  
box-shadow:4px 4px 4px 4px rgb(170, 128,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 148.8800, 1.5990, 31.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 128, 201) }
```

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

```
.background{ background-color: rgb(170,  
128, 201) }
```

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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