

Converting Colors

YIQ(149.8780, 3.9400, 16.7080)

Have a look what the booklet for
YIQ(149.8780, 3.9400, 16.7080)
contains.

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Color

**YIQ(149.8780, 3.9400,
16.7080)**

Conversions

Conversions Part 1

Format	Color
Hex	A48AAE
RGB	164, 138, 174
RGB Percent	64%, 54%, 68%
CMY	0.3568, 0.4589, 0.3177
CMYK	0.06, 0.21, 0.00, 0.32
HSL	283°, 18%, 61%
HSV	283°, 21%, 68%
XYZ	32.0409, 29.1245, 43.9757
YIQ	149.8780, 3.9400, 16.7080

Conversions

Conversions Part 2

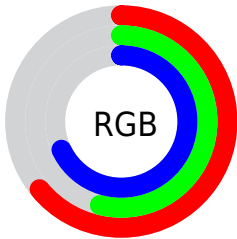
Format	Color
RYB	164, 138, 174
Decimal	10783406
CIELab	60.89, 16.56, -15.26
CIElCh	61, 22.519, 317.322
Yxy	29.1245, 0.3047, 0.2770
Android (android.graphics.Color)	4288973486 (0xFFA48AAE)
YUV	149.8780, 11.8921, 12.3850
Hunter-Lab	53.9671, 11.5349, -10.5360

Details

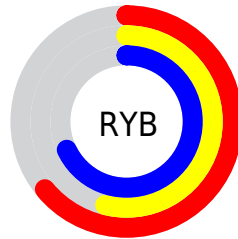
The YIQ color $149.8780, 3.9400, 16.7080$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $162.1220, -3.9400, -16.7080$, and the grayscale version is $150.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $204.4050, 3.8940, 17.5420$, and $99.0520, 3.3900, 15.6620$ is the 20% darker color. If you saturate the color by 10%, you get $138.4040, 5.6350, 24.5390$, and if you desaturate by 10%, it is $161.3520, 2.2450, 8.8770$.

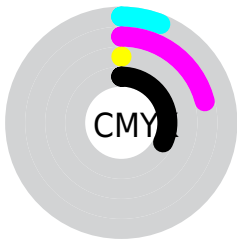
Distribution



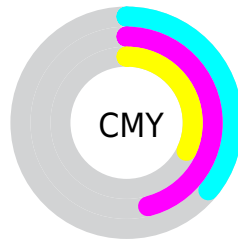
- Red (64%)
- Green (54%)
- Blue (68%)



- Red (64%)
- Yellow (54%)
- Blue (68%)



- Cyan (6%)
- Magenta (21%)
- Yellow (0%)
- Black (32%)



- Cyan (36%)
- Magenta (46%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.8780, 3.9400, 16.7080 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 149.8780, 3.9400, 16.7080 by changing the saturation by 10% instead.

■ 149.8780, 3.9400,
16.7080

■ 149.8780, 3.9400,
16.7080

255.0000, -0.0000,
-0.0000

■ 123.7640, 4.2610,
16.3970

■ 204.4050, 3.8940,
17.5420

■ 99.0520, 3.3900,
15.6620

■ 231.7750, 5.7280,
17.3440

■ 74.6390, 3.1150,
15.1390

■ 250.8910, 1.9250,
3.6610

■ 52.1120, 3.1610,
14.3050

■ 30.2860, 2.6110,
13.2590

■ 10.2970, 4.0780,
14.2060

■ 0.0000, 0.0000,

0.0000

■ 149.8780, 3.9400,
16.7080

■ 149.8780, 3.9400,
16.7080

■ 138.4040, 5.6350,
24.5390

■ 161.3520, 2.2450,
8.8770

■ 126.3430, 7.6050,
32.8930

■ 173.4130, 0.2750,
0.5230

■ 115.1680, 9.8960,
40.9360

■ 184.5880, -2.0160,
-7.5200

■ 103.1070, 11.8660,
49.2900

■ 196.6490, -3.9860,
-15.8740

■ 91.6330, 13.5610,
57.1210

■ 208.1230, -5.6810,
-23.7050

■ 80.1590, 15.2560,
64.9520

■ 219.5970, -7.3760,
-31.5360

■ 68.0980, 17.2260,
73.3060

■ 228.7230, -7.9710,
-37.2750

■ 57.5100, 19.2420,
80.8260

■ 230.2180, -4.9910,
-36.2150

■ 231.4140, -2.6070,
-35.3670

Harmonies

Analogous

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



147.7660, -16.4160, 11.1680



149.8780, 3.9400, 16.7080



149.9740, 21.2250, 17.3290

Triad

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



149.8780, 3.9400, 16.7080



146.7840, 26.7310, -5.3730



137.6680, -40.5280, -14.4160

Complementary

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



149.8780, 3.9400, 16.7080



162.1220, -3.9400, -16.7080

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.



139.8730, -25.1680, -17.4560



149.8780, 3.9400, 16.7080



144.7390, 13.4360, -12.2280

Square

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



149.8780, 3.9400, 16.7080



148.1150, 33.4690, 4.6770



141.9370, -4.8570, -16.6090



139.0300, -44.2430, -7.6590

Rectangle

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



149.8780, 3.9400, 16.7080



149.6990, 29.2490, 15.0810



141.9370, -4.8570, -16.6090



138.0660, -35.8970, -15.7450

Sweetspot

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



149.8780, 3.9400, 16.7080



217.5860, 1.4660, 6.4740



147.9740, -14.3060, 5.9660



109.7060, 1.0080, 3.7600



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.



149.8780, 3.9400, 16.7080



188.7570, 6.1390, 26.4190



151.9560, 12.4680, 16.3400



80.8200, 0.6870, 4.0710



49.6910, 16.8140, 69.7580



7.7050, 2.7490, 10.7570

Inverse Universe

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



149.9040, 18.2460, 10.7420



188.8670, 28.8360, 17.0600



160.0440, -12.4680, -16.3400



80.9190, 4.7220, 2.5300



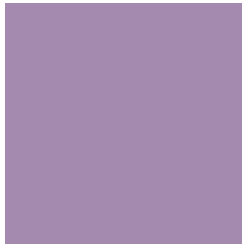
49.6380, 75.9180, 44.8620



7.5610, 11.7820, 6.7420

Previews

White Background



This preview shows how the YIQ color 149.8780, 3.9400, 16.7080 looks on a white background.

Color Contrast Check

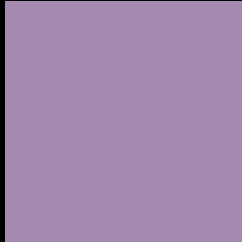
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.8780, 3.9400, 16.7080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

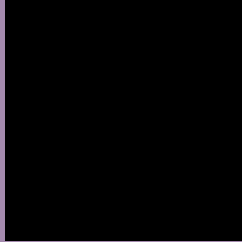
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.8780, 3.9400, 16.7080

Background



This preview shows how black text looks on a background with the YIQ color 149.8780, 3.9400, 16.7080.



This preview shows how white text looks on a background with the YIQ color 149.8780, 3.9400,

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

149.8780, 3.9400, 16.7080

Protanopia

147.9680, -14.1690, 8.9910

Deuteranopia

148.8010, -6.3290, 10.0790



Tritanopia

148.9350, 7.7930, 7.4490

Trichromacy



Original Color

149.8780, 3.9400, 16.7080

Protanomaly

148.6700, -7.3380, 11.8460

Deuteranomaly

149.1220, -2.7990, 12.1850

Tritanomaly

149.5590, 6.0960, 10.6720

Monochromacy



Original Color

149.8780, 3.9400, 16.7080

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.1730, 1.1910, 5.9510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.8780, 3.9400, 16.7080 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(164, 138, 174)` looks like.

```
.text, #text, p{  
    color:rgb(164, 138, 174)  
}
```

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(164, 138, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 138, 174) }
```

Border

The CSS property to change the border of an element to YIQ 149.8780, 3.9400, 16.7080 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(164, 138, 174) }
```


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

```
.border{ border-color:rgb(164, 138, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 138, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 138, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 138, 174);  
box-shadow:4px 4px 4px 4px rgb(164, 138,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 149.8780, 3.9400, 16.7080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 138, 174) }
```

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

```
.background{ background-color: rgb(164,  
138, 174) }
```

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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