

Converting Colors

YIQ(158.0750, -3.4440, 29.3880)

Have a look what the booklet for
YIQ(158.0750, -3.4440, 29.3880)
contains.

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Color

**YIQ(158.0750, -3.4440,
29.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8CD4
RGB	173, 140, 212
RGB Percent	68%, 55%, 83%
CMY	0.3214, 0.4510, 0.1687
CMYK	0.18, 0.34, 0.00, 0.17
HSL	268°, 46%, 69%
HSV	268°, 34%, 83%
XYZ	38.4981, 32.3926, 66.4990
YIQ	158.0750, -3.4440, 29.3880

Conversions

Conversions Part 2

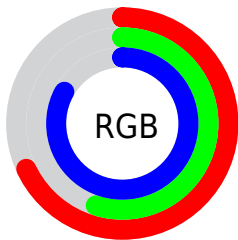
Format	Color
RYB	173, 140, 212
Decimal	11373780
CIELab	63.67, 26.56, -32.33
CIELCh	64, 41.840, 309.399
Yxy	32.3926, 0.2802, 0.2358
Android (android.graphics.Color)	4289563860 (0xFFAD8CD4)
YUV	158.0750, 26.5850, 13.0892
Hunter-Lab	56.9145, 21.1406, -29.4344

Details

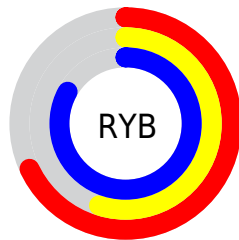
The YIQ color $158.0750, -3.4440, 29.3880$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $193.9250, 3.4440, -29.3880$, and the grayscale version is $158.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $211.4190, 1.2790, 26.3910$, and $105.7220, -3.9480, 27.5080$ is the 20% darker color. If you saturate the color by 10%, you get $142.4590, -4.2250, 38.0390$, and if you desaturate by 10%, it is $173.9900, -2.0670, 20.9490$.

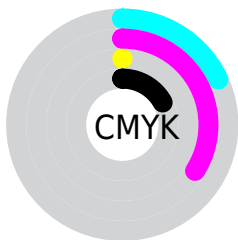
Distribution



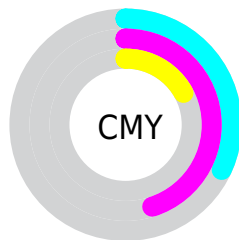
- Red (68%)
- Green (55%)
- Blue (83%)



- Red (68%)
- Yellow (55%)
- Blue (83%)



- Cyan (18%)
- Magenta (34%)
- Yellow (0%)
- Black (17%)



- Cyan (32%)
- Magenta (45%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.0750, -3.4440, 29.3880 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 158.0750, -3.4440, 29.3880 by changing the saturation by 10% instead.

 158.0750, -3.4440,
29.3880

 158.0750, -3.4440,
29.3880


255.0000, -0.0000,
-0.0000


 131.5480, -3.3980,
28.5540


 211.4190, 1.2790,
26.3910


 105.7220, -3.9480,
27.5080


 235.6290, 9.0750,
17.2590

 81.7820, -4.1770,
26.1510

 252.6520, 1.1000,
2.0920

 57.8420, -4.4060,
24.7940

 34.7170, -5.5520,
23.5360

 13.0760, -5.1850,
22.3910

 5.1640, -11.7850,

9.8390

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,
0.0000

■ 158.0750, -3.4440,
29.3880

■ 158.0750, -3.4440,
29.3880

■ 142.4590, -4.2250,
38.0390

■ 173.9900, -2.0670,
20.9490

■ 126.5440, -5.6020,
46.4780

■ 189.6060, -1.2860,
12.2980

■ 110.3410, -6.1080,
55.6520

■ 205.8090, -0.7800,
3.1240

■ 94.4260, -7.4850,
64.0910

■ 221.7240, 0.5970,
-5.3150

■ 78.8100, -8.2660,
72.7420

■ 237.3400, 1.3780,
-13.9660

■ 62.8950, -9.6430,
81.1810

■ 246.2110, 6.0550,
-16.1290

■ 53.1710, -10.2400,
86.4960

■ 249.5000, 12.6110,
-13.7970

■ 250.0980, 13.8030,
-13.3730

Harmonies

Analogous

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



151.0740, -46.4020, 14.9580



158.0750, -3.4440, 29.3880



158.5600, 31.8590, 33.8670

Triad

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



158.0750, -3.4440, 29.3880



153.0180, 52.3150, -6.4770



120.9480, -100.8150, -39.6870

Complementary

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



158.0750, -3.4440, 29.3880



193.9250, 3.4440, -29.3880

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.



137.8670, -43.3670, -34.5590



158.0750, -3.4440, 29.3880



150.2120, 30.6770, -21.8270

Square

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



158.0750, -3.4440, 29.3880



154.5160, 60.3810, 12.5490



145.9460, -1.0490, -30.5610



123.7640, -111.5000, -27.7560

Rectangle

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



158.0750, -3.4440, 29.3880



156.9500, 48.1360, 30.7280



145.9460, -1.0490, -30.5610



122.4670, -89.2150, -40.6630

Sweetspot

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



158.0750, -3.4440, 29.3880



236.1390, -1.4690, 10.1070



171.6880, -34.1120, 1.4720



115.9170, -0.9640, 6.4600



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.



158.0750, -3.4440, 29.3880



176.3220, -5.0970, 42.8310



168.5400, 17.4160, 36.8080



98.7490, -0.5510, 4.4810



42.8160, -8.4030, 69.7170



10.8820, -1.8830, 17.6130

Inverse Universe

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



165.9740, 30.3930, 27.3930



187.8930, 44.2830, 39.9870



183.4600, -17.4160, -36.8080



99.9730, 4.6300, 4.1980



61.6170, 72.3840, 64.8640



15.4790, 18.2450, 16.2690

Previews

White Background



This preview shows how the YIQ color 158.0750, -3.4440, 29.3880 looks on a white background.

Color Contrast Check

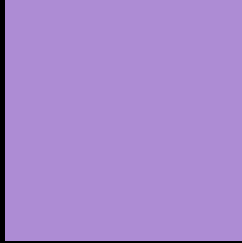
Large Text (above 18pt) WCAG AA × Fail

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 158.0750, -3.4440, 29.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

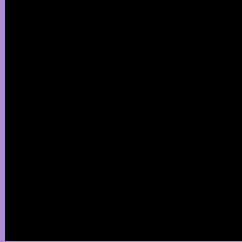
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.0750, -3.4440, 29.3880

Background



This preview shows how black text looks on a background with the YIQ color 158.0750, -3.4440, 29.3880.



This preview shows how white text looks on a background with the YIQ color 158.0750, -3.4440,

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

158.0750, -3.4440, 29.3880

Protanopia

153.8860, -34.0690, 17.2190

Deuteranopia

154.4260, -26.9620, 15.0700



Tritanopia

155.8530, 5.0880, 6.9120

Trichromacy



Original Color

158.0750, -3.4440, 29.3880

Protanomaly

155.6810, -23.0660, 21.5580

Deuteranomaly

156.0790, -18.4350, 20.2290

Tritanomaly

156.4540, 2.1980, 15.2380

Monochromacy



Original Color

158.0750, -3.4440, 29.3880

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.6660, -1.5150, 10.9410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.0750, -3.4440, 29.3880 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(173, 140, 212)` looks like.

```
.text, #text, p{  
    color:rgb(173, 140, 212)  
}
```

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(173, 140, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 140, 212) }
```

Border

The CSS property to change the border of an element to YIQ 158.0750, -3.4440, 29.3880 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(173, 140, 212) }
```


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

```
.border{ border-color:rgb(173, 140, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 140, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 140, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 140, 212);  
box-shadow:4px 4px 4px 4px rgb(173, 140,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 158.0750, -3.4440, 29.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 140, 212) }
```

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

```
.background{ background-color: rgb(173,  
140, 212) }
```

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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