

Converting Colors

YIQ(148.9440, 12.7420, 22.3900)

Have a look what the booklet for
YIQ(148.9440, 12.7420, 22.3900)
contains.

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Color

**YIQ(148.9440, 12.7420,
22.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	AF83AD
RGB	175, 131, 173
RGB Percent	69%, 51%, 68%
CMY	0.3136, 0.4863, 0.3215
CMYK	0.00, 0.25, 0.01, 0.31
HSL	303°, 22%, 60%
HSV	303°, 25%, 69%
XYZ	33.3438, 28.3628, 43.2547
YIQ	148.9440, 12.7420, 22.3900

Conversions

Conversions Part 2

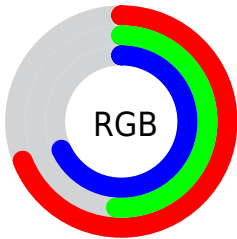
Format	Color
RYB	175, 131, 173
Decimal	11502509
CIELab	60.22, 24.12, -15.62
CIELCh	60, 28.739, 327.081
Yxy	28.3628, 0.3177, 0.2702
Android (android.graphics.Color)	4289692589 (0xFFAF83AD)
YUV	148.9440, 11.8596, 22.8511
Hunter-Lab	53.2567, 18.5587, -10.8751

Details

The YIQ color **148.9440, 12.7420, 22.3900** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **157.0560, -12.7420, -22.3900**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.0690, 13.8880, 23.6480**, and **97.8190, 11.5960, 21.1320** is the 20% darker color. If you saturate the color by 10%, you get **138.2640, 18.0130, 31.4930**, and if you desaturate by 10%, it is **159.0370, 7.7460, 13.8100**.

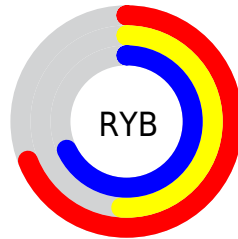
Distribution



Red (69%)

Green (51%)

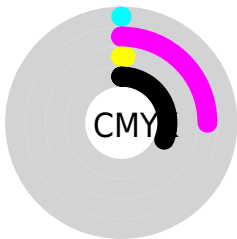
Blue (68%)



Red (69%)

Yellow (51%)

Blue (68%)

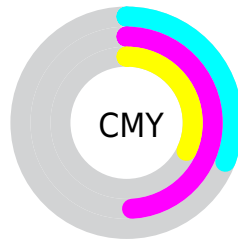


Cyan (0%)

Magenta (25%)

Yellow (1%)

Black (31%)



Cyan (31%)


Magenta (49%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 148.9440, 12.7420, 22.3900 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 148.9440, 12.7420, 22.3900 by changing the saturation by 10% instead.


 148.9440, 12.7420,
22.3900


 148.9440, 12.7420,
22.3900


255.0000, -0.0000,
-0.0000

 123.1180, 12.1920,
21.3440


 203.0690, 13.8880,
23.6480


 97.8190, 11.5960,
21.1320

 229.7590, 11.8250,
22.4890

 73.4060, 11.3210,
20.6090

 246.7820, 3.8500,
7.3220

 50.2810, 10.1750,
19.3510

 27.8680, 9.9000,
18.8280

 12.5750, 9.1670,
15.5910

 0.0000, 0.0000,

0.0000

■ 148.9440, 12.7420,
22.3900

■ 148.9440, 12.7420,
22.3900

■ 138.2640, 18.0130,
31.4930

■ 159.0370, 7.7460,
13.8100

■ 128.1710, 23.0090,
40.0730

■ 169.7170, 2.4750,
4.7070

■ 117.6050, 27.9590,
49.4870

■ 179.6960, -2.2000,
-4.1840

■ 107.5120, 32.9550,
58.0670

■ 190.3760, -7.4710,
-13.2870

■ 96.8320, 38.2260,
67.1700

■ 201.0560,
-12.7420, -22.3900

■ 86.7390, 43.2220,
75.7500

■ 211.1490,
-17.7380, -30.9700

76.0590, 48.4930,
84.8530

221.8290,
-23.0090, -40.0730

71.3630, 50.6930,
89.0370

222.4160,
-23.2840, -40.5960

222.5300,
-23.6050, -40.2850

Harmonies

Analogous

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



147.1950, -13.0700, 16.6100



148.9440, 12.7420, 22.3900



148.3560, 31.9530, 21.1450

Triad

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



148.9440, 12.7420, 22.3900



144.1060, 28.5200, -10.2640



129.4250, -61.8930, -18.1890

Complementary

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



148.9440, 12.7420, 22.3900



157.0560, -12.7420, -22.3900

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.



133.1420, -42.2230, -22.2470



148.9440, 12.7420, 22.3900



141.4840, 9.5400, -18.7160

Square

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



148.9440, 12.7420, 22.3900



145.8290, 40.0260, 1.4820



137.5010, -15.4930, -22.0930



133.5320, -60.3360, -7.8560

Rectangle

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



148.9440, 12.7420, 22.3900



147.5000, 40.1150, 16.3950



137.5010, -15.4930, -22.0930



130.5950, -56.6200, -20.1400

Sweetspot

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



148.9440, 12.7420, 22.3900



216.3200, 5.2710, 9.1030



136.3150, -13.5280, 13.8960



107.8420, 3.6210, 5.9650



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.



148.9440, 12.7420, 22.3900



186.7420, 19.6630, 34.6310



146.5500, 19.4830, 15.8590



81.6030, 2.7960, 4.3960



61.2660, 43.1760, 76.5840



9.3850, 6.6460, 11.7180

Inverse Universe

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



148.9440, 12.7420, 22.3900



186.7420, 19.6630, 34.6310



159.4500, -19.4830, -15.8590



81.6030, 2.7960, 4.3960



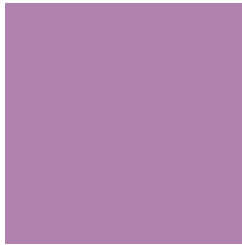
61.2660, 43.1760, 76.5840



9.3850, 6.6460, 11.7180

Previews

White Background



This preview shows how the YIQ color 148.9440, 12.7420, 22.3900 looks on a white background.

Color Contrast Check

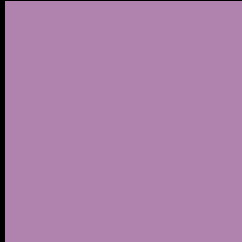
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.9440, 12.7420, 22.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

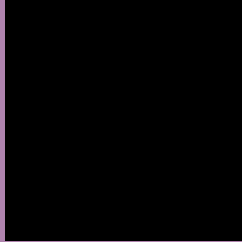
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.9440, 12.7420, 22.3900

Background



This preview shows how black text looks on a background with the YIQ color 148.9440, 12.7420, 22.3900.



This preview shows how white text looks on a background with the YIQ color 148.9440, 12.7420,

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

148.9440, 12.7420, 22.3900

Protanopia

145.9400, -16.9660, 10.1220

Deuteranopia

146.8010, -6.3290, 10.0790



Tritanopia

147.6050, 17.6500, 10.5300

Trichromacy



Original Color

148.9440, 12.7420, 22.3900

Protanomaly

146.8490, -6.2840, 14.7720

Deuteranomaly

147.5570, 0.4100, 14.6020

Tritanomaly

147.8700, 15.5860, 14.8980

Monochromacy



Original Color

148.9440, 12.7420, 22.3900

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.6080, 4.4000, 8.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.9440, 12.7420, 22.3900 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(175, 131, 173)` looks like.

```
.text, #text, p{  
    color:rgb(175, 131, 173)  
}
```

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(175, 131, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 131, 173) }
```

Border

The CSS property to change the border of an element to YIQ 148.9440, 12.7420, 22.3900 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(175, 131, 173) }
```


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

```
.border{ border-color:rgb(175, 131, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 131, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 131, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 131, 173);  
box-shadow:4px 4px 4px 4px rgb(175, 131,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 148.9440, 12.7420, 22.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 131, 173) }
```

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

```
.background{ background-color: rgb(175,  
131, 173) }
```

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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