

Converting Colors

YIQ(199.4390, 42.0850, 24.7490)

Have a look what the booklet for
YIQ(199.4390, 42.0850, 24.7490)
contains.

YIQ(199.4390, 42.0850, 24.7490)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(199.4390, 42.0850,
24.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	FFACC3
RGB	255, 172, 195
RGB Percent	100%, 67%, 76%
CMY	0.0000, 0.3256, 0.2351
CMYK	0.00, 0.33, 0.24, 0.00
HSL	343°, 100%, 84%
HSV	343°, 33%, 100%
XYZ	65.8405, 54.6936, 58.7391
YIQ	199.4390, 42.0850, 24.7490

Conversions

Conversions Part 2

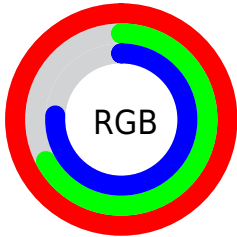
Format	Color
R_{YB}	255, 172, 195
Decimal	16755907
CIE _{Lab}	78.86, 33.51, 0.75
CIE _{LCh}	79, 33.516, 1.278
Yxy	54.6936, 0.3673, 0.3051
Android (android.graphics.Color)	4294945987 (0xFFFFACC3)
YUV	199.4390, -2.1884, 48.7270
Hunter-Lab	73.9552, 29.4928, 4.6774

Details

The YIQ color **199.4390, 42.0850, 24.7490** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **227.5610, -42.0850, -24.7490**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.6950, 8.7090, 12.8770**, and **144.8300, 39.4260, 23.3780** is the 20% darker color. If you saturate the color by 10%, you get **182.1250, 55.0130, 32.7490**, and if you desaturate by 10%, it is **216.1660, 29.4320, 17.2720**.

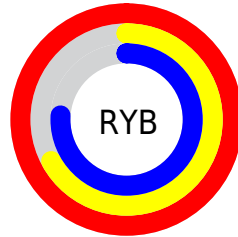
Distribution



Red (100%)

Green (67%)

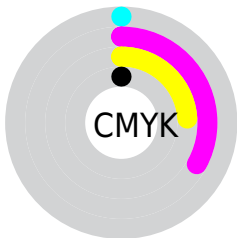
Blue (76%)



Red (100%)

Yellow (67%)

Blue (76%)

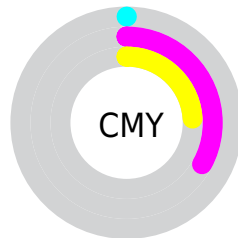


Cyan (0%)

Magenta (33%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.4390, 42.0850, 24.7490 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 199.4390, 42.0850, 24.7490 by changing the saturation by 10% instead.

 199.4390, 42.0850,
24.7490


 199.4390, 42.0850,
24.7490


255.0000, -0.0000,
-0.0000


 171.8410, 40.8930,
24.3250


 238.8090, 8.3880,
13.1880

 144.8300, 39.4260,
23.3780

 118.3460, 37.9130,
23.2650

 92.4490, 36.1250,
22.6290

 67.6660, 34.0160,
22.3040

 42.7090, 32.4570,
23.0250

 21.3880, 28.9270,

20.9190

■ 12.3730, 24.1150,
9.0030

■ 0.0000, 0.0000,
0.0000

■ 199.4390, 42.0850,
24.7490

■ 199.4390, 42.0850,
24.7490

■ 182.1250, 55.0130,
32.7490

■ 216.1660, 29.4320,
17.2720

■ 165.2840, 67.9870,
39.9150

■ 233.5940, 16.1830,
9.5830

■ 147.9700, 80.9150,
47.9150

■ 250.3210, 3.5300,
2.1060

■ 131.1290, 93.8890,
55.0810

■ 255.0000, -0.0000,
-0.0000

■ 113.8150,
106.8170, 63.0810

■ 97.0880, 119.4700,
70.5580

■ 84.3390, 129.1890,
76.1410

Harmonies

Analogous

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



200.2270, 19.4350, 27.7470



199.4390, 42.0850, 24.7490



197.6660, 51.2110, 13.5390

Triad

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



199.4390, 42.0850, 24.7490



189.9520, 7.9820, -23.5220



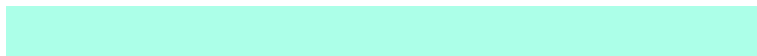
183.0950, -69.2310, -6.3430

Complementary

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



199.4390, 42.0850, 24.7490



227.5610, -42.0850, -24.7490

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.



177.7270, -74.5470, -20.1390



199.4390, 42.0850, 24.7490



185.6200, -23.3780, -27.8740

Square

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



199.4390, 42.0850, 24.7490



193.6240, 32.6930, -14.3070



180.2760, -54.4640, -26.1760



191.9400, -43.3290, 8.8230

Rectangle

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



199.4390, 42.0850, 24.7490



196.6840, 50.8000, 4.4640



180.2760, -54.4640, -26.1760



181.1820, -74.0900, -11.8980

Sweetspot

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



199.4390, 42.0850, 24.7490



238.2730, 12.6530, 7.4770



199.1030, 8.5210, 38.3210



117.2400, 8.2520, 4.6360



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.



199.4390, 42.0850, 24.7490



188.6790, 50.3370, 29.3850



207.3830, 44.5180, 8.1820



119.2290, 6.7850, 3.6890



63.1510, 96.8230, 56.9750



21.1880, 32.3660, 19.1660

Inverse Universe

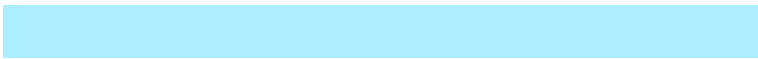
The Inverse Universe completely reimagines the original color for something new.



199.4390, 42.0850, 24.7490



188.6790, 50.3370, 29.3850



219.6170, -44.5180, -8.1820



119.2290, 6.7850, 3.6890



63.1510, 96.8230, 56.9750



21.1880, 32.3660, 19.1660

Previews

White Background



This preview shows how the YIQ color 199.4390, 42.0850, 24.7490 looks on a white background.

Color Contrast Check

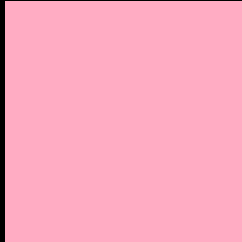
Large Text (above 18pt) WCAG AA × Fail

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 199.4390, 42.0850, 24.7490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

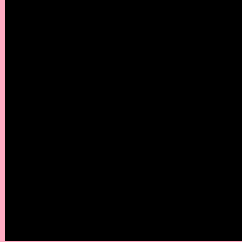
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.4390, 42.0850, 24.7490

Background



This preview shows how black text looks on a background with the YIQ color 199.4390, 42.0850, 24.7490.



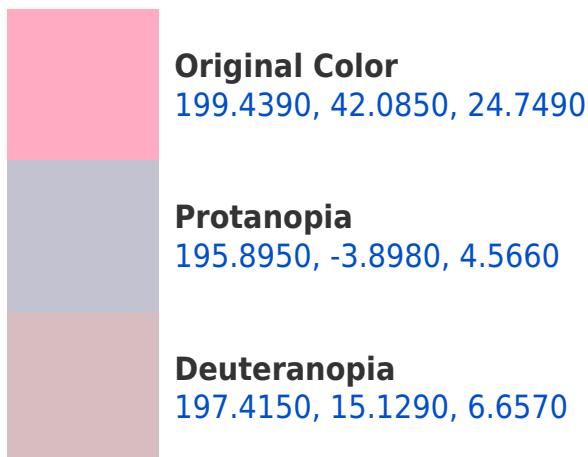
This preview shows how white text looks on a background with the YIQ color 199.4390, 42.0850,

24.7490.

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





Tritanopia

198.8150, 43.7820, 21.5260

Trichromacy



Original Color

199.4390, 42.0850, 24.7490



Protanomaly

197.2070, 13.0190, 11.8590



Deuteranomaly

198.1930, 24.8020, 13.0740



Tritanomaly

199.1570, 42.8190, 22.4590

Monochromacy



Original Color

199.4390, 42.0850, 24.7490



Achromatopsia

199.0000, -0.0000, 0.0000



Achromatomaly

198.9960, 14.9910, 9.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.4390, 42.0850, 24.7490 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(255, 172, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 195)  
}
```

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(255, 172, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 195) }
```

Border

The CSS property to change the border of an element to YIQ 199.4390, 42.0850, 24.7490 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(255, 172, 195) }
```


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

```
.border{ border-color:rgb(255, 172, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 199.4390, 42.0850, 24.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 195) }
```

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

```
.background{ background-color: rgb(255,  
172, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor