

Converting Colors

YIQ(195.6840, 34.7460, 42.1220)

Have a look what the booklet for
YIQ(195.6840, 34.7460, 42.1220)
contains.

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Color

**YIQ(195.6840, 34.7460,
42.1220)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9FE5
RGB	255, 159, 229
RGB Percent	100%, 62%, 90%
CMY	0.0000, 0.3766, 0.1019
CMYK	0.00, 0.38, 0.10, 0.00
HSL	316°, 100%, 81%
HSV	316°, 38%, 100%
XYZ	67.7771, 51.7008, 80.5514
YIQ	195.6840, 34.7460, 42.1220

Conversions

Conversions Part 2

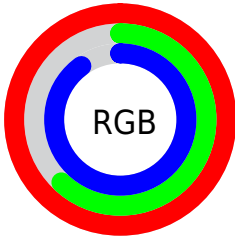
Format	Color
R _Y B	255, 159, 229
Decimal	16752613
CIE Lab	77.10, 45.40, -20.36
CIE LCh	77, 49.760, 335.842
Yxy	51.7008, 0.3388, 0.2585
Android (android.graphics.Color)	4294942693 (0xFFFF9FE5)
YUV	195.6840, 16.4248, 52.0201
Hunter-Lab	71.9033, 42.4260, -16.0888

Details

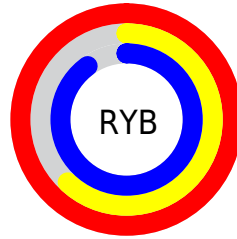
The YIQ color **195.6840, 34.7460, 42.1220** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **218.3160, -34.7460, -42.1220**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **231.5200, 11.0000, 20.9200**, and **140.2600, 33.0040, 40.6520** is the 20% darker color. If you saturate the color by 10%, you get **179.6240, 44.1430, 53.5430**, and if you desaturate by 10%, it is **211.1570, 25.6240, 31.2240**.

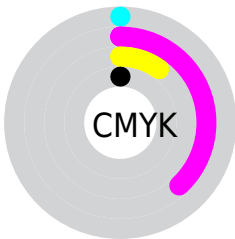
Distribution



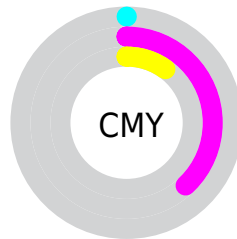
- Red (100%)
- Green (62%)
- Blue (90%)



- Red (100%)
- Yellow (62%)
- Blue (90%)



- Cyan (0%)
- Magenta (38%)
- Yellow (10%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 195.6840, 34.7460, 42.1220 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 195.6840, 34.7460, 42.1220 by changing the saturation by 10% instead.

 195.6840, 34.7460,
42.1220

 195.6840, 34.7460,
42.1220


255.0000, -0.0000,
-0.0000


 167.9720, 33.8750,
41.3870


 231.5200, 11.0000,
20.9200


 140.2600, 33.0040,
40.6520

 248.5430, 3.0250,
5.7530

 113.6620, 31.8120,
40.2280

 87.0640, 30.6200,
39.8040

 59.7050, 30.2530,
40.9490

 34.5200, 29.3360,
41.0480

 24.1240, 21.2230,

28.3830

■ 14.8530, 14.2560,
16.9760

■ 0.0000, 0.0000,
0.0000

■ 195.6840, 34.7460,
42.1220

■ 195.6840, 34.7460,
42.1220

■ 179.6240, 44.1430,
53.5430

■ 211.1570, 25.6240,
31.2240

■ 164.1510, 53.2650,
64.4410

■ 227.2170, 16.2270,
19.8030

■ 148.0910, 62.6620,
75.8620

■ 242.6900, 7.1050,
8.9050

■ 132.6180, 71.7840,
86.7600

■ 255.0000, -0.0000,
-0.0000

■ 116.6720, 80.8600,
98.4920

■ 101.1990, 89.9820,
109.3900

■ 97.4490, 92.2740,
111.9060

Harmonies

Analogous

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



193.3890, -7.2040, 31.4520



195.6840, 34.7460, 42.1220



186.3310, 51.4370, 31.4770

Triad

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



195.6840, 34.7460, 42.1220



185.8510, 41.8190, -25.5170



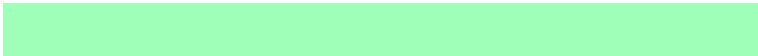
152.1460, -136.3030, -35.3030

Complementary

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



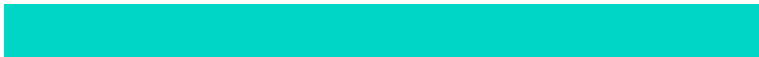
195.6840, 34.7460, 42.1220



218.3160, -34.7460, -42.1220

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.



148.1900, -122.4080, -50.3440



195.6840, 34.7460, 42.1220



180.1820, 3.8580, -36.8940

Square

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



195.6840, 34.7460, 42.1220



189.3740, 65.9320, -5.4600



171.2700, -46.3000, -41.9800



149.4050, -138.2300, -27.9100

Rectangle

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



195.6840, 34.7460, 42.1220



185.2590, 59.9670, 20.0550



171.2700, -46.3000, -41.9800



151.7240, -132.3590, -40.7030

Sweetspot

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



195.6840, 34.7460, 42.1220



237.6520, 10.2680, 12.1560



177.7180, -15.3200, 35.3680



117.4510, 6.2800, 7.3360



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.



195.6840, 34.7460, 42.1220



183.9610, 41.5760, 50.5040



190.2120, 50.1540, 27.1940



119.9130, 4.8590, 5.5550



73.0690, 68.8960, 84.0320



24.4940, 23.0570, 28.1850

Inverse Universe

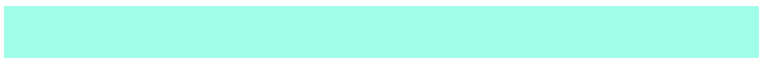
The Inverse Universe completely reimagines the original color for something new.



195.6840, 34.7460, 42.1220



183.9610, 41.5760, 50.5040



223.7880, -50.1540, -27.1940



119.9130, 4.8590, 5.5550



73.0690, 68.8960, 84.0320



24.4940, 23.0570, 28.1850

Previews

White Background



This preview shows how the YIQ color 195.6840, 34.7460, 42.1220 looks on a white background.

Color Contrast Check

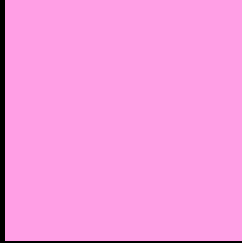
Large Text (above 18pt) WCAG AA × Fail

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 195.6840, 34.7460, 42.1220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

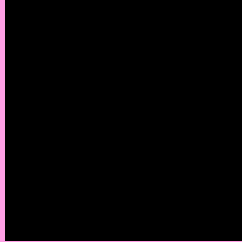
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.6840, 34.7460, 42.1220

Background



This preview shows how black text looks on a background with the YIQ color 195.6840, 34.7460, 42.1220.



This preview shows how white text looks on a background with the YIQ color 195.6840, 34.7460,

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

195.6840, 34.7460, 42.1220

Protanopia

191.4690, -28.5210, 15.7910

Deuteranopia

192.4250, -8.0260, 13.3020



Tritanopia

193.7010, 44.1030, 21.2150

Trichromacy



Original Color

195.6840, 34.7460, 42.1220



Protanomaly

192.7710, -5.6440, 25.2040



Deuteranomaly

193.6600, 7.7900, 24.0300



Tritanomaly

194.4760, 40.6630, 28.4950

Monochromacy



Original Color

195.6840, 34.7460, 42.1220



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

196.0160, 12.2390, 14.9830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.6840, 34.7460, 42.1220 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, 159, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 229)  
}
```

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, 159, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 229) }
```

Border

The CSS property to change the border of an element to YIQ 195.6840, 34.7460, 42.1220 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, 159, 229) }
```


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

```
.border{ border-color:rgb(255, 159, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 195.6840, 34.7460, 42.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 229) }
```

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

```
.background{ background-color: rgb(255,  
159, 229) }
```

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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