

Converting Colors

YIQ(194.8390, 35.2070, 28.2550)

Have a look what the booklet for
YIQ(194.8390, 35.2070, 28.2550)
contains.

YIQ(194.8390, 35.2070, 28.2550)	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(194.8390, 35.2070,
28.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	F6A7CC
RGB	246, 167, 204
RGB Percent	96%, 65%, 80%
CMY	0.0351, 0.3452, 0.1999
CMYK	0.00, 0.32, 0.17, 0.04
HSL	332°, 82%, 81%
HSV	332°, 32%, 96%
XYZ	62.7400, 51.5889, 63.7954
YIQ	194.8390, 35.2070, 28.2550

Conversions

Conversions Part 2

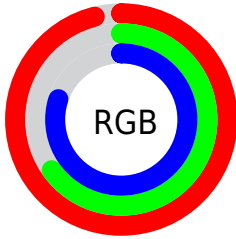
Format	Color
R _Y B	246, 167, 204
Decimal	16164812
CIE Lab	77.03, 34.34, -6.95
CIE LCh	77, 35.037, 348.556
Yxy	51.5889, 0.3522, 0.2896
Android (android.graphics.Color)	4294354892 (0xFF6A7CC)
YUV	194.8390, 4.5164, 44.8682
Hunter-Lab	71.8254, 30.2268, -2.3837

Details

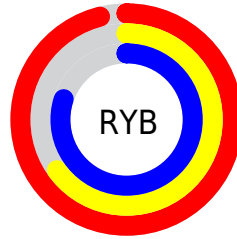
The YIQ color **194.8390, 35.2070, 28.2550** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **218.1610, -35.2070, -28.2550**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.2160, 8.8000, 16.7360**, and **140.2300, 32.5480, 26.8840** is the 20% darker color. If you saturate the color by 10%, you get **178.6820, 46.2550, 37.2870**, and if you desaturate by 10%, it is **210.9960, 24.1590, 19.2230**.

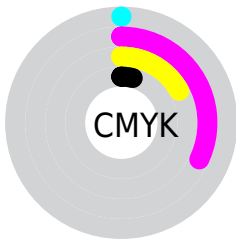
Distribution



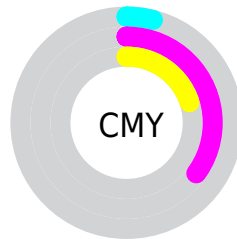
- Red (96%)
- Green (65%)
- Blue (80%)



- Red (96%)
- Yellow (65%)
- Blue (80%)



- Cyan (0%)
- Magenta (32%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 194.8390, 35.2070, 28.2550 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 194.8390, 35.2070, 28.2550 by changing the saturation by 10% instead.


 194.8390, 35.2070,
28.2550

 194.8390, 35.2070,
28.2550


255.0000, -0.0000,
-0.0000


 167.2410, 34.0150,
27.8310


 236.2160, 8.8000,
16.7360


 140.5290, 33.1440,
27.0960

 253.2390, 0.8250,
1.5690

 113.9310, 31.9520,
26.6720

 88.6210, 29.8890,
25.5130

 63.4360, 28.9720,
25.6120

 37.8920, 27.6880,
26.8560

 20.2780, 23.4250,

21.5130

■ 11.0350, 19.2550,
8.9750

■ 0.0000, 0.0000,
0.0000

■ 194.8390, 35.2070,
28.2550

■ 194.8390, 35.2070,
28.2550

■ 178.6820, 46.2550,
37.2870

■ 210.9960, 24.1590,
19.2230

■ 163.1120, 57.0280,
45.7960

■ 226.5660, 13.3860,
10.7140

■ 146.9550, 68.0760,
54.8280

■ 242.7230, 2.3380,
1.6820

■ 131.3850, 78.8490,
63.3370

■ 252.3090, -5.3640,
-1.9080

■ 115.2280, 89.8970,
72.3690

■ 99.0710, 100.9450,
81.4010

■ 86.6640, 109.7010,
87.9170

Harmonies

Analogous

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



194.7680, 7.6060, 27.3660



194.8390, 35.2070, 28.2550



193.1810, 51.4390, 20.4230

Triad

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



194.8390, 35.2070, 28.2550



186.4650, 19.7190, -21.4730



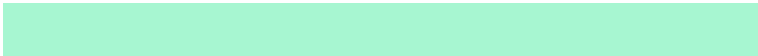
172.8930, -80.6460, -14.2300

Complementary

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



194.8390, 35.2070, 28.2550



218.1610, -35.2070, -28.2550

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.



171.4510, -73.9500, -25.4540



194.8390, 35.2070, 28.2550



182.1500, -10.3110, -27.9030

Square

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



194.8390, 35.2070, 28.2550



189.4620, 42.1370, -9.2470



176.5560, -43.6890, -28.7210



182.4540, -59.6960, 2.5760

Rectangle

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



194.8390, 35.2070, 28.2550



192.0530, 54.3750, 11.2630



176.5560, -43.6890, -28.7210



171.3610, -82.2040, -19.0360

Sweetspot

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



194.8390, 35.2070, 28.2550



238.7290, 11.3690, 8.7210



188.2650, -0.9230, 33.2610



117.5820, 7.2890, 5.5690



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.



194.8390, 35.2070, 28.2550



190.8450, 44.2380, 35.2940



191.2080, 46.8090, 16.2250



114.2720, 5.2260, 4.4100



65.5320, 82.9290, 66.4890



20.7190, 26.4970, 20.9050

Inverse Universe

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



194.8390, 35.2070, 28.2550



190.8450, 44.2380, 35.2940



221.7920, -46.8090, -16.2250



114.2720, 5.2260, 4.4100



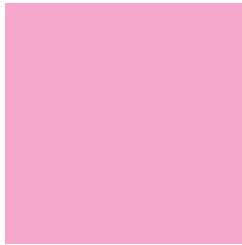
65.5320, 82.9290, 66.4890



20.7190, 26.4970, 20.9050

Previews

White Background



This preview shows how the YIQ color 194.8390, 35.2070, 28.2550 looks on a white background.

Color Contrast Check

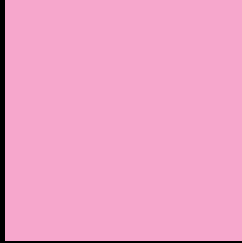
Large Text (above 18pt) WCAG AA × Fail

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 194.8390, 35.2070, 28.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

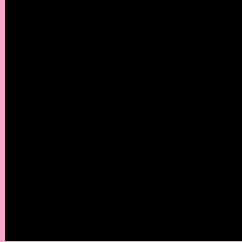
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.8390, 35.2070, 28.2550

Background



This preview shows how black text looks on a background with the YIQ color 194.8390, 35.2070, 28.2550.



This preview shows how white text looks on a background with the YIQ color 194.8390, 35.2070,

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

194.8390, 35.2070, 28.2550

Protanopia

191.4090, -11.0970, 8.3830

Deuteranopia

192.5050, 6.1880, 9.0040



Tritanopia

194.3090, 39.3350, 19.5190

Trichromacy



Original Color

194.8390, 35.2070, 28.2550



Protanomaly

192.7210, 5.8200, 15.6760



Deuteranomaly

192.9950, 16.7320, 16.1560



Tritanomaly

194.8190, 37.9590, 22.4310

Monochromacy



Original Color

194.8390, 35.2070, 28.2550



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

195.1530, 13.1110, 10.1910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.8390, 35.2070, 28.2550 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(246, 167, 204)` looks like.

```
.text, #text, p{  
    color:rgb(246, 167, 204)  
}
```

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(246, 167, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 167, 204) }
```

Border

The CSS property to change the border of an element to YIQ 194.8390, 35.2070, 28.2550 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(246, 167, 204) }
```


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

```
.border{ border-color:rgb(246, 167, 204) }
```

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

Here you see how a box with a 4 pixel rgb(246, 167, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 167, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 167, 204);  
box-shadow:4px 4px 4px 4px rgb(246, 167,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 194.8390, 35.2070, 28.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 167, 204) }
```

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

```
.background{ background-color: rgb(246,  
167, 204) }
```

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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