

Converting Colors

YIQ(198.0950, 37.3620, 27.7460)

Have a look what the booklet for
YIQ(198.0950, 37.3620, 27.7460)
contains.

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Color

**YIQ(198.0950, 37.3620,
27.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	FBAACC
RGB	251, 170, 204
RGB Percent	98%, 67%, 80%
CMY	0.0155, 0.3334, 0.1999
CMYK	0.00, 0.32, 0.19, 0.02
HSL	335°, 91%, 83%
HSV	335°, 32%, 98%
XYZ	65.0745, 53.6172, 64.0657
YIQ	198.0950, 37.3620, 27.7460

Conversions

Conversions Part 2

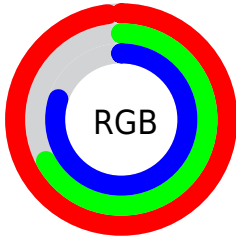
Format	Color
R _Y B	251, 170, 204
Decimal	16493260
CIE Lab	78.24, 34.49, -5.11
CIE LCh	78, 34.863, 351.568
Yxy	53.6172, 0.3561, 0.2934
Android (android.graphics.Color)	4294683340 (0xFFFBACC)
YUV	198.0950, 2.9112, 46.3977
Hunter-Lab	73.2238, 30.4926, -0.6179

Details

The YIQ color $198.0950, 37.3620, 27.7460$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $222.9050, -37.3620, -27.7460$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $237.9770, 7.9750, 15.1670$, and $143.4860, 34.7030, 26.3750$ is the 20% darker color. If you saturate the color by 10%, you get $181.7100, 49.0520, 36.1560$, and if you desaturate by 10%, it is $214.4800, 25.6720, 19.3360$.

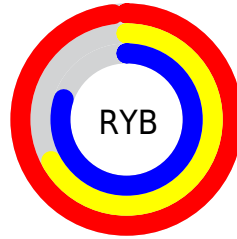
Distribution



Red (98%)

Green (67%)

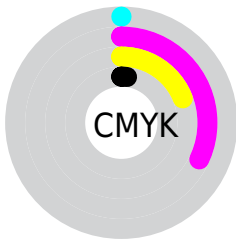
Blue (80%)



Red (98%)

Yellow (67%)

Blue (80%)

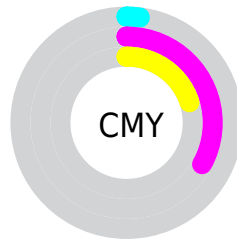


Cyan (0%)

Magenta (32%)

Yellow (19%)

Black (2%)



Cyan (2%)


Magenta (33%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.0950, 37.3620, 27.7460 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 198.0950, 37.3620, 27.7460 by changing the saturation by 10% instead.


 198.0950, 37.3620,
27.7460


 198.0950, 37.3620,
27.7460


255.0000, -0.0000,
-0.0000


 170.4970, 36.1700,
27.3220


 237.9770, 7.9750,
15.1670

 143.4860, 34.7030,
26.3750

 116.8880, 33.5110,
25.9510

 91.2900, 32.3190,
25.5270

 66.3930, 30.5310,
24.8910

 40.8490, 29.2470,
26.1350

 21.5880, 25.4880,

22.6720

■ 12.3450, 21.3180,
10.1340

■ 0.0000, 0.0000,
0.0000

■ 198.0950, 37.3620,
27.7460

■ 198.0950, 37.3620,
27.7460

■ 181.7100, 49.0520,
36.1560

■ 214.4800, 25.6720,
19.3360

■ 165.4390, 60.4210,
44.8770

■ 230.7510, 14.3030,
10.6150

■ 149.0540, 72.1110,
53.2870

■ 247.1360, 2.6130,
2.2050

■ 132.7830, 83.4800,
62.0080

■ 253.8040, -2.3840,
-0.8480

■ 115.8110, 95.4450,
70.9410

■ 99.5400, 106.8140,
79.6620

■ 87.0190, 115.8910,
85.8670

Harmonies

Analogous

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



198.1490, 10.9070, 28.1150



198.0950, 37.3620, 27.7460



195.5290, 50.3390, 18.3310

Triad

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



198.0950, 37.3620, 27.7460



189.3830, 17.0140, -22.0100



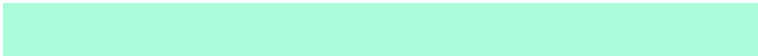
177.3170, -78.9040, -12.7600

Complementary

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



198.0950, 37.3620, 27.7460



222.9050, -37.3620, -27.7460

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.



174.7930, -74.9130, -24.5210



198.0950, 37.3620, 27.7460



185.1820, -13.3370, -28.1290

Square

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



198.0950, 37.3620, 27.7460



192.1520, 40.0740, -10.4060



179.7020, -47.0360, -28.6360



186.5470, -55.5240, 4.0600

Rectangle

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



198.0950, 37.3620, 27.7460



195.1130, 54.1460, 9.9060



179.7020, -47.0360, -28.6360



175.4860, -81.0580, -17.7780

Sweetspot

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



198.0950, 37.3620, 27.7460



238.6150, 11.6900, 8.4100



192.9880, 1.4150, 34.9430



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.



198.0950, 37.3620, 27.7460



190.2750, 45.8430, 33.7390



197.1540, 46.9010, 14.5570



116.5710, 5.8220, 4.6220



65.5170, 87.2850, 64.6370



21.2030, 28.0100, 21.0180

Inverse Universe

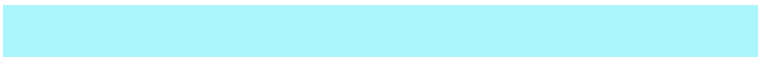
The Inverse Universe completely reimagines the original color for something new.



198.0950, 37.3620, 27.7460



190.2750, 45.8430, 33.7390



223.8460, -46.9010, -14.5570



116.5710, 5.8220, 4.6220



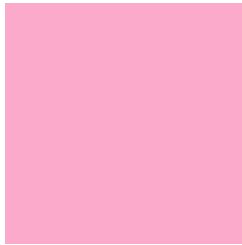
65.5170, 87.2850, 64.6370



21.2030, 28.0100, 21.0180

Previews

White Background



This preview shows how the YIQ color 198.0950, 37.3620, 27.7460 looks on a white background.

Color Contrast Check

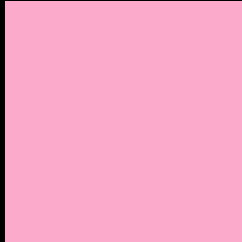
Large Text (above 18pt) WCAG AA × Fail

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 198.0950, 37.3620, 27.7460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

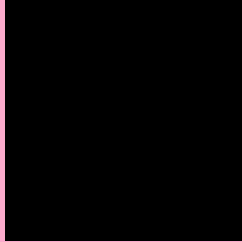
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.0950, 37.3620, 27.7460

Background



This preview shows how black text looks on a background with the YIQ color 198.0950, 37.3620, 27.7460.



This preview shows how white text looks on a background with the YIQ color 198.0950, 37.3620,

27.7460.

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

198.0950, 37.3620, 27.7460

Protanopia

194.3660, -9.5380, 7.6620

Deuteranopia

196.0600, 8.9390, 8.7070



Tritanopia

197.2060, 41.1230, 20.1550

Trichromacy



Original Color

198.0950, 37.3620, 27.7460



Protanomaly

195.6780, 7.3790, 14.9550



Deuteranomaly

196.5500, 19.4830, 15.8590



Tritanomaly

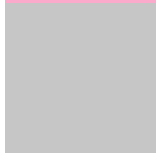
197.7160, 39.7470, 23.0670

Monochromacy



Original Color

198.0950, 37.3620, 27.7460



Achromatopsia

198.0000, -0.0000, 0.0000



Achromatomaly

198.0390, 13.4320, 9.8800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.0950, 37.3620, 27.7460 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(251, 170, 204)` looks like.

```
.text, #text, p{  
    color:rgb(251, 170, 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(251, 170, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 170, 204) }
```

Border

The CSS property to change the border of an element to YIQ 198.0950, 37.3620, 27.7460 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(251, 170, 204) }
```


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

```
.border{ border-color:rgb(251, 170, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 170, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 170, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 170, 204);  
box-shadow:4px 4px 4px 4px rgb(251, 170,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 198.0950, 37.3620, 27.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 170, 204) }
```

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

```
.background{ background-color: rgb(251,  
170, 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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