

Converting Colors

YIQ(203.8730, 37.8670, 24.0990)

Have a look what the booklet for
YIQ(203.8730, 37.8670, 24.0990)
contains.

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Color

**YIQ(203.8730, 37.8670,
24.0990)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB2CB
RGB	255, 178, 203
RGB Percent	100%, 70%, 80%
CMY	0.0000, 0.3021, 0.2038
CMYK	0.00, 0.30, 0.20, 0.00
HSL	340°, 100%, 85%
HSV	340°, 30%, 100%
XYZ	67.9374, 57.4013, 64.0196
YIQ	203.8730, 37.8670, 24.0990

Conversions

Conversions Part 2

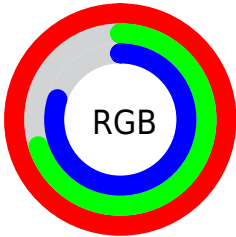
Format	Color
R _Y B	255, 178, 203
Decimal	16757451
CIE _{Lab}	80.40, 31.52, -1.34
CIE _{LCh}	80, 31.545, 357.572
Y _{xy}	57.4013, 0.3588, 0.3031
Android (android.graphics.Color)	4294947531 (0xFFFFB2CB)
YUV	203.8730, -0.4304, 44.8384
Hunter-Lab	75.7637, 27.4749, 2.9350

Details

The YIQ color $203.8730, 37.8670, 24.0990$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $229.1270, -37.8670, -24.0990$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.6730, 5.7750, 10.9830$, and $148.6770, 35.4830, 23.2510$ is the 20% darker color. If you saturate the color by 10%, you get $186.6730, 50.4740, 32.4100$, and if you desaturate by 10%, it is $220.4860, 25.5350, 16.3110$.

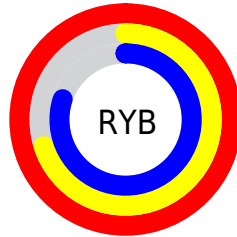
Distribution



Red (100%)

Green (70%)

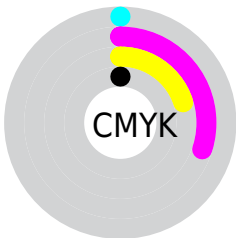
Blue (80%)



Red (100%)

Yellow (70%)

Blue (80%)

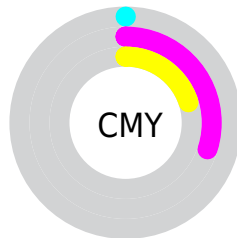


Cyan (0%)

Magenta (30%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.8730, 37.8670, 24.0990 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 203.8730, 37.8670, 24.0990 by changing the saturation by 10% instead.


 203.8730, 37.8670,
24.0990


 203.8730, 37.8670,
24.0990


255.0000, -0.0000,
-0.0000


 176.2750, 36.6750,
23.6750


 242.6730, 5.7750,
10.9830

 148.6770, 35.4830,
23.2510

 122.6660, 34.0160,
22.3040

 97.0680, 32.8240,
21.8800

 72.2850, 30.7150,
21.5550

 47.8010, 29.2020,
21.4420

 22.6700, 28.1930,

23.2090

■ 13.8400, 24.2980,
11.1940

■ 0.0000, 0.0000,
0.0000

■ 203.8730, 37.8670,
24.0990

■ 203.8730, 37.8670,
24.0990

■ 186.6730, 50.4740,
32.4100

■ 220.4860, 25.5350,
16.3110

■ 170.0600, 62.8060,
40.1980

■ 237.6860, 12.9280,
8.0000

■ 152.7460, 75.7340,
48.1980

254.4130, 0.2750,
0.5230

■ 136.1330, 88.0660,
55.9860

255.0000, -0.0000,
-0.0000

■ 118.9330,
100.6730, 64.2970

■ 102.3200,
113.0050, 72.0850

■ 85.7070, 125.3370,
79.8730

Harmonies

Analogous

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



204.1340, 15.2630, 26.2630



203.8730, 37.8670, 24.0990



201.7410, 46.6260, 14.0340

Triad

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



203.8730, 37.8670, 24.0990



195.0880, 10.5950, -21.3170



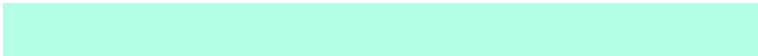
188.3080, -65.5170, -7.5730

Complementary

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



203.8730, 37.8670, 24.0990



229.1270, -37.8670, -24.0990

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.



184.2610, -67.3030, -19.2630



203.8730, 37.8670, 24.0990



191.3110, -18.0140, -25.9660

Square

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



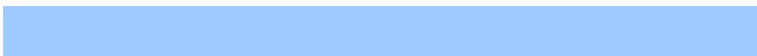
203.8730, 37.8670, 24.0990



198.3900, 33.4720, -11.9040



186.8100, -47.2200, -25.3000



195.4730, -43.5120, 6.6320

Rectangle

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



203.8730, 37.8670, 24.0990



201.2540, 49.1950, 6.0190



186.8100, -47.2200, -25.3000



186.4060, -68.9090, -12.1810

Sweetspot

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



203.8730, 37.8670, 24.0990



239.7890, 11.1400, 7.3640



202.0270, 5.6790, 34.7590



118.0550, 7.3350, 4.7350



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.



203.8730, 37.8670, 24.0990



193.9280, 45.2020, 28.8340



208.6540, 42.3170, 9.5250



119.3430, 6.4640, 4.0000



64.1770, 93.9340, 59.7740



21.5300, 31.4030, 20.0990

Inverse Universe

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



203.8730, 37.8670, 24.0990



193.9280, 45.2020, 28.8340



224.3460, -42.3170, -9.5250



119.3430, 6.4640, 4.0000



64.1770, 93.9340, 59.7740



21.5300, 31.4030, 20.0990

Previews

White Background



This preview shows how the YIQ color 203.8730, 37.8670, 24.0990 looks on a white background.

Color Contrast Check

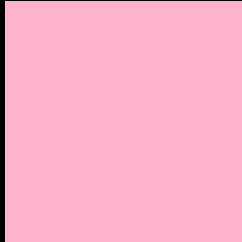
Large Text (above 18pt) WCAG AA × Fail

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 203.8730, 37.8670, 24.0990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

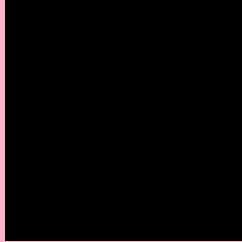
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.8730, 37.8670, 24.0990

Background



This preview shows how black text looks on a background with the YIQ color 203.8730, 37.8670, 24.0990.



This preview shows how white text looks on a background with the YIQ color 203.8730, 37.8670,

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

203.8730, 37.8670, 24.0990

Protanopia

200.8240, -5.1360, 4.9760

Deuteranopia

202.1590, 12.9740, 7.1660



Tritanopia

203.6080, 39.9310, 19.7310

Trichromacy



Original Color

203.8730, 37.8670, 24.0990



Protanomaly

201.6520, 10.2680, 12.1560



Deuteranomaly

202.6380, 22.0510, 13.3710



Tritanomaly

203.4770, 38.9220, 21.4980

Monochromacy



Original Color

203.8730, 37.8670, 24.0990



Achromatopsia

204.0000, -0.0000, -0.0000



Achromatomaly

204.3980, 13.7990, 8.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.8730, 37.8670, 24.0990 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, 178, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 203)  
}
```

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, 178, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 203) }
```

Border

The CSS property to change the border of an element to YIQ 203.8730, 37.8670, 24.0990 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, 178, 203) }
```


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

```
.border{ border-color:rgb(255, 178, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 203.8730, 37.8670, 24.0990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 203) }
```

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

```
.background{ background-color: rgb(255,  
178, 203) }
```

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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