

Converting Colors

YIQ(226.0770, 19.4370, 16.6930)

Have a look what the booklet for
YIQ(226.0770, 19.4370, 16.6930)
contains.

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Color

**YIQ(226.0770, 19.4370,
16.6930)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2E9
RGB	255, 210, 233
RGB Percent	100%, 82%, 91%
CMY	0.0000, 0.1765, 0.0862
CMYK	0.00, 0.18, 0.09, 0.00
HSL	329°, 100%, 91%
HSV	329°, 18%, 100%
XYZ	78.9921, 73.2279, 87.0732
YIQ	226.0770, 19.4370, 16.6930

Conversions

Conversions Part 2

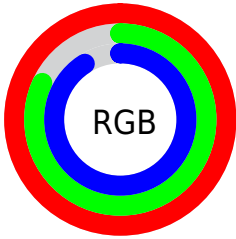
Format	Color
R _Y B	255, 210, 233
Decimal	16765673
CIE Lab	88.56, 19.42, -5.37
CIE LCh	89, 20.149, 344.542
Yxy	73.2279, 0.3301, 0.3060
Android (android.graphics.Color)	4294955753 (0xFFFFD2E9)
YUV	226.0770, 3.4130, 25.3655
Hunter-Lab	85.5733, 15.0187, -0.4279

Details

The YIQ color $226.0770, 19.4370, 16.6930$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $238.9230, -19.4370, -16.6930$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.3650, 18.5660, 15.9580$ is the 20% darker color. If you saturate the color by 10%, you get $209.4470, 30.4390, 26.5590$, and if you desaturate by 10%, it is $242.1200, 8.7100, 7.3500$.

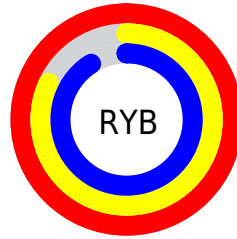
Distribution



Red (100%)

Green (82%)

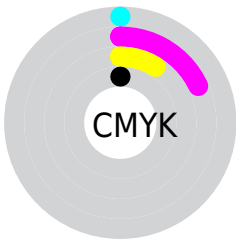
Blue (91%)



Red (100%)

Yellow (82%)

Blue (91%)

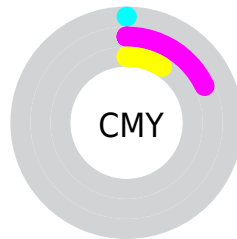


Cyan (0%)

Magenta (18%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.0770, 19.4370, 16.6930 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 226.0770, 19.4370, 16.6930 by changing the saturation by 10% instead.

226.0770, 19.4370,
16.6930

226.0770, 19.4370,
16.6930

255.0000, -0.0000,
-0.0000

197.7780, 18.8410,
16.4810

170.3650, 18.5660,
15.9580

143.7670, 17.3740,
15.5340

118.3540, 17.0990,
15.0110

93.0550, 16.5030,
14.7990

69.3430, 15.6320,
14.0640

46.3320, 14.1650,

13.1170

■ 24.7340, 12.9730,
12.6930

■ 8.3870, 12.3320,
7.7880

■ 226.0770, 19.4370,
16.6930

■ 226.0770, 19.4370,
16.6930

■ 209.4470, 30.4390,
26.5590

■ 242.1200, 8.7100,
7.3500

■ 193.2900, 41.4870,
35.5910

255.0000, -0.0000,
-0.0000

■ 176.6600, 52.4890,
45.4570

■ 160.5030, 63.5370,
54.4890

■ 143.8730, 74.5390,
64.3550

■ 127.7160, 85.5870,
73.3870

■ 111.0860, 96.5890,
83.2530

■ 94.9290, 107.6370,
92.2850

■ 91.0650, 110.2500,
94.4900

Harmonies

Analogous

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



224.9810, 2.1520, 16.0720



226.0770, 19.4370, 16.6930



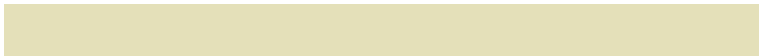
223.2100, 26.1320, 10.9960

Triad

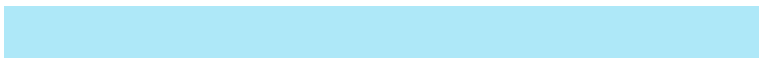
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.0770, 19.4370, 16.6930



220.7500, 14.9030, -11.2810



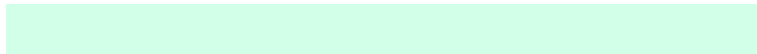
216.4820, -39.7040, -7.3200

Complementary

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



226.0770, 19.4370, 16.6930



238.9230, -19.4370, -16.6930

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.



215.4190, -35.3930, -13.8650



226.0770, 19.4370, 16.6930



218.2470, -2.7940, -15.4500

Square

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



226.0770, 19.4370, 16.6930



223.0230, 27.5560, -3.8040



216.1400, -21.5460, -17.0180



218.8300, -31.6360, 0.6520

Rectangle

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



226.0770, 19.4370, 16.6930



223.0160, 29.4340, 6.2180



216.1400, -21.5460, -17.0180



215.3140, -39.2910, -9.2990

Sweetspot

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



226.0770, 19.4370, 16.6930



246.6850, 5.5010, 4.9330



221.7080, -1.3330, 18.6590



122.8480, 3.4840, 2.9400



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.



226.0770, 19.4370, 16.6930



220.3380, 23.1960, 20.1560



223.5690, 26.4990, 9.8510



119.5710, 5.8220, 4.6220



68.2810, 82.3780, 70.9700



22.8980, 27.5510, 23.8310

Inverse Universe

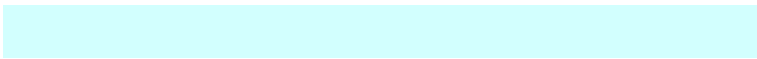
The Inverse Universe completely reimagines the original color for something new.



226.0770, 19.4370, 16.6930



220.3380, 23.1960, 20.1560



241.4310, -26.4990, -9.8510



119.5710, 5.8220, 4.6220



68.2810, 82.3780, 70.9700



22.8980, 27.5510, 23.8310

Previews

White Background



This preview shows how the YIQ color 226.0770, 19.4370, 16.6930 looks on a white background.

Color Contrast Check

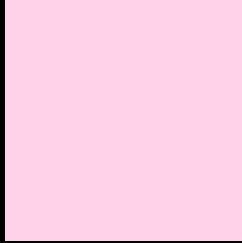
Large Text (above 18pt) WCAG AA × Fail

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 226.0770, 19.4370, 16.6930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

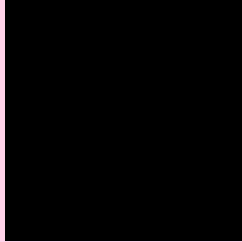
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 226.0770, 19.4370, 16.6930

Background



This preview shows how black text looks on a background with the YIQ color 226.0770, 19.4370, 16.6930.



This preview shows how white text looks on a background with the YIQ color 226.0770, 19.4370,

16.6930.

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

226.0770, 19.4370, 16.6930

Protanopia

223.1660, -6.0990, 5.9090

Deuteranopia

225.0000, 9.1680, 10.0640



Tritanopia

225.6810, 20.4920, 14.0920

Trichromacy



Original Color

226.0770, 19.4370, 16.6930

Protanomaly

224.0640, 3.1160, 9.6120

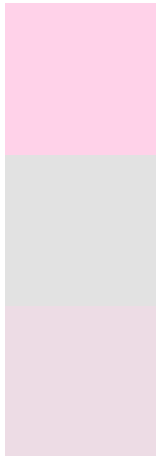
Deuteranomaly

225.3210, 12.6980, 12.1700

Tritanomaly

225.9090, 19.8500, 14.7140

Monochromacy



Original Color

226.0770, 19.4370, 16.6930

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.1090, 7.2430, 6.4030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.0770, 19.4370, 16.6930 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, 210, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 233)  
}
```

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, 210, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 233) }
```

Border

The CSS property to change the border of an element to YIQ 226.0770, 19.4370, 16.6930 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, 210, 233) }
```


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

```
.border{ border-color:rgb(255, 210, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 226.0770, 19.4370, 16.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 233) }
```

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

```
.background{ background-color: rgb(255,  
210, 233) }
```

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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