

Converting Colors

YIQ(229.4010, 9.7170, 16.6370)

Have a look what the booklet for
YIQ(229.4010, 9.7170, 16.6370)
contains.

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Color

**YIQ(229.4010, 9.7170,
16.6370)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D8F7
RGB	249, 216, 247
RGB Percent	98%, 85%, 97%
CMY	0.0234, 0.1530, 0.0314
CMYK	0.00, 0.13, 0.01, 0.02
HSL	304°, 73%, 91%
HSV	304°, 13%, 98%
XYZ	80.4172, 75.9646, 98.4229
YIQ	229.4010, 9.7170, 16.6370

Conversions

Conversions Part 2

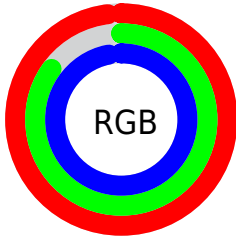
Format	Color
R_{YB}	249, 216, 247
Decimal	16374007
CIE _{Lab}	89.84, 16.69, -10.89
CIE _{LCh}	90, 19.925, 326.866
Yxy	75.9646, 0.3156, 0.2981
Android (android.graphics.Color)	4294564087 (0xFFFF9D8F7)
YUV	229.4010, 8.6763, 17.1883
Hunter-Lab	87.1577, 12.1695, -5.9429

Details

The YIQ color $229.4010, 9.7170, 16.6370$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $235.5990, -9.7170, -16.6370$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.6890, 8.8460, 15.9020$ is the 20% darker color. If you saturate the color by 10%, you get $214.4980, 17.2340, 29.0900$, and if you desaturate by 10%, it is $244.3040, 2.2000, 4.1840$.

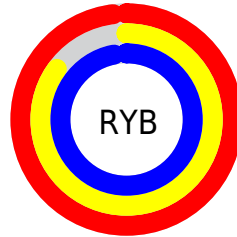
Distribution



Red (98%)

Green (85%)

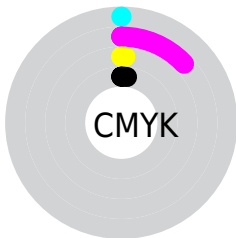
Blue (97%)



Red (98%)

Yellow (85%)

Blue (97%)

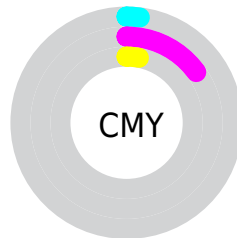


Cyan (0%)

Magenta (13%)

Yellow (1%)

Black (2%)



Cyan (2%)

Magenta (15%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.4010, 9.7170, 16.6370 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 229.4010, 9.7170, 16.6370 by changing the saturation by 10% instead.

229.4010, 9.7170,
16.6370

229.4010, 9.7170,
16.6370

255.0000, -0.0000,
-0.0000

200.9880, 9.4420,
16.1140

173.6890, 8.8460,
15.9020

147.2760, 8.5710,
15.3790

121.1620, 8.8920,
15.0680

96.4500, 8.0210,
14.3330

72.0370, 7.7460,
13.8100

49.6240, 7.4710,

13.2870

■ 27.9120, 6.6000,
12.5520

■ 9.6840, 7.2420,
11.9300

■ 229.4010, 9.7170,
16.6370

■ 229.4010, 9.7170,
16.6370

■ 214.4980, 17.2340,
29.0900

■ 244.3040, 2.2000,
4.1840

■ 199.7090, 24.4300,
41.8540

■ 252.6360, -1.9710,
-2.8270

■ 184.8060, 31.9470,
54.3070

■ 252.8640, -2.6130,
-2.2050

■ 170.0170, 39.1430,
67.0710

■ 252.9780, -2.9340,
-1.8940

■ 155.1140, 46.6600,
79.5240

■ 253.2060, -3.5760,
-1.2720

■ 140.9120, 53.5810,
91.7650

■ 126.0090, 61.0980,
104.2180

■ 111.2200, 68.2940,
116.9820

■ 101.1270, 73.2900,
125.5620

Harmonies

Analogous

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



227.2570, -7.6130, 11.3230



229.4010, 9.7170, 16.6370



227.3820, 19.8960, 13.8800

Triad

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



229.4010, 9.7170, 16.6370



225.5770, 22.8800, -7.1680



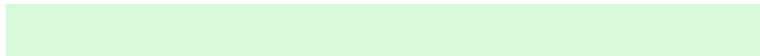
219.3310, -37.9610, -11.3770

Complementary

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



229.4010, 9.7170, 16.6370



235.5990, -9.7170, -16.6370

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.



219.2580, -27.6900, -15.8020



229.4010, 9.7170, 16.6370



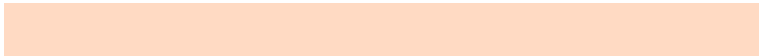
223.2760, 7.4300, -13.5140

Square

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



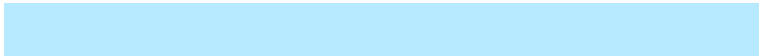
229.4010, 9.7170, 16.6370



226.4410, 29.4350, 0.6910



221.4140, -10.6340, -16.5380



221.1450, -37.1370, -4.2810

Rectangle

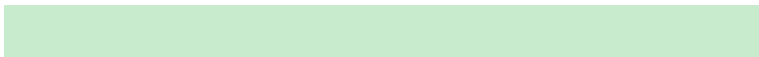
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.4010, 9.7170, 16.6370



225.9000, 24.0690, 9.8370



221.4140, -10.6340, -16.5380



218.9460, -35.4390, -13.0310

Sweetspot

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



229.4010, 9.7170, 16.6370



249.0160, 3.0710, 4.9190



220.3600, -9.4010, 10.6870



123.7770, 2.2460, 3.3500



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.



229.4010, 9.7170, 16.6370



230.7050, 11.9170, 20.8210



227.5770, 14.8530, 11.6610



117.2550, 3.8960, 6.4880



76.6890, 55.8270, 95.1150



24.7370, 18.0590, 30.6590

Inverse Universe

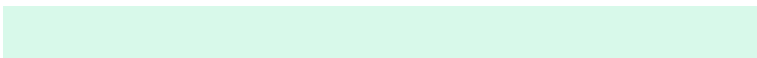
The Inverse Universe completely reimagines the original color for something new.



229.4010, 9.7170, 16.6370



230.7050, 11.9170, 20.8210



237.4230, -14.8530, -11.6610



117.2550, 3.8960, 6.4880



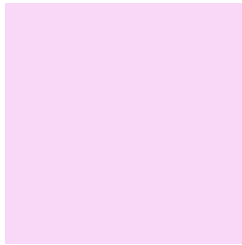
76.6890, 55.8270, 95.1150



24.7370, 18.0590, 30.6590

Previews

White Background



This preview shows how the YIQ color 229.4010, 9.7170, 16.6370 looks on a white background.

Color Contrast Check

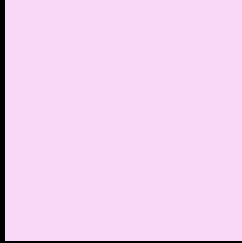
Large Text (above 18pt) WCAG AA × Fail

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 229.4010, 9.7170, 16.6370 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 229.4010, 9.7170, 16.6370

Background



This preview shows how black text looks on a background with the YIQ color 229.4010, 9.7170, 16.6370.



This preview shows how white text looks on a background with the YIQ color 229.4010, 9.7170,

16.6370.

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

229.4010, 9.7170, 16.6370

Protanopia

226.5940, -10.1800, 8.2840

Deuteranopia

228.6450, 2.9780, 12.1140



Tritanopia

228.6090, 11.8270, 11.4350

Trichromacy



Original Color

229.4010, 9.7170, 16.6370

Protanomaly

227.5950, -2.7530, 11.3510

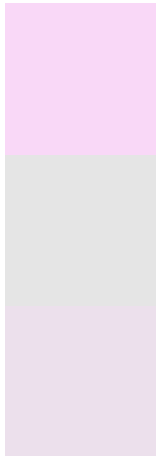
Deuteranomaly

229.2540, 5.6370, 13.4850

Tritanomaly

228.7770, 11.4140, 13.4140

Monochromacy



Original Color

229.4010, 9.7170, 16.6370

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.9560, 3.3000, 6.2760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.4010, 9.7170, 16.6370 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(249, 216, 247)` looks like.

```
.text, #text, p{  
    color:rgb(249, 216, 247)  
}
```

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(249, 216, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 216, 247) }
```

Border

The CSS property to change the border of an element to YIQ 229.4010, 9.7170, 16.6370 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(249, 216, 247) }
```


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

```
.border{ border-color:rgb(249, 216, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 216, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 216, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 216, 247); box-shadow:4px 4px 4px 4px rgb(249, 216, 247) }
```

Background

The CSS property to change the background color of an element to YIQ 229.4010, 9.7170, 16.6370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 216, 247) }
```

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

```
.background{ background-color: rgb(249,  
216, 247) }
```

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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