

Converting Colors

YIQ(231.4910, 17.9710, 10.2190)

Have a look what the booklet for
YIQ(231.4910, 17.9710, 10.2190)
contains.

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Color

**YIQ(231.4910, 17.9710,
10.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCE5
RGB	255, 220, 229
RGB Percent	100%, 86%, 90%
CMY	0.0000, 0.1373, 0.1019
CMYK	0.00, 0.14, 0.10, 0.00
HSL	345°, 100%, 93%
HSV	345°, 14%, 100%
XYZ	80.9745, 78.0967, 84.9471
YIQ	231.4910, 17.9710, 10.2190

Conversions

Conversions Part 2

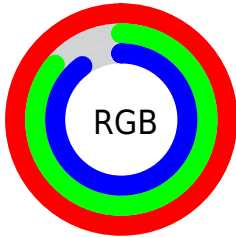
Format	Color
R _Y B	255, 220, 229
Decimal	16768229
CIE Lab	90.82, 13.55, 0.06
CIE LCh	91, 13.546, 0.266
Yxy	78.0967, 0.3318, 0.3200
Android (android.graphics.Color)	4294958309 (0xFFFFDCE5)
YUV	231.4910, -1.2281, 20.6174
Hunter-Lab	88.3724, 8.9057, 4.8687

Details

The YIQ color **231.4910, 17.9710, 10.2190** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **243.5090, -17.9710, -10.2190**, and the grayscale version is **231.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **175.8930, 16.7790, 9.7950** is the 20% darker color. If you saturate the color by 10%, you get **214.0630, 31.2200, 17.9080**, and if you desaturate by 10%, it is **248.3320, 4.9970, 3.0530**.

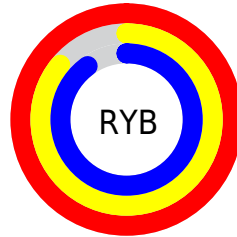
Distribution



Red (100%)

Green (86%)

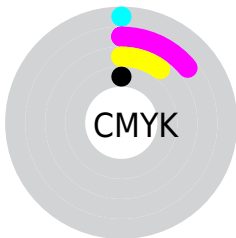
Blue (90%)



Red (100%)

Yellow (86%)

Blue (90%)

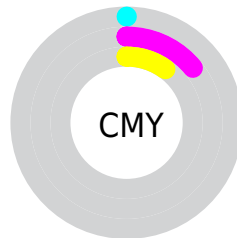


Cyan (0%)

Magenta (14%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 231.4910, 17.9710, 10.2190 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 231.4910, 17.9710, 10.2190 by changing the saturation by 10% instead.


 231.4910, 17.9710,
10.2190


 231.4910, 17.9710,
10.2190


255.0000, -0.0000,
-0.0000


 203.1920, 17.3750,
10.0070

 175.8930, 16.7790,
9.7950

 149.4800, 16.5040,
9.2720

 123.1810, 15.9080,
9.0600

 97.9960, 14.9910,
9.1590

 74.2840, 14.1200,
8.4240

 51.5720, 13.2490,

7.6890

■ 29.9740, 12.0570,
7.2650

■ 8.7140, 15.7250,
6.8690

■ 231.4910, 17.9710,
10.2190

■ 231.4910, 17.9710,
10.2190

■ 214.0630, 31.2200,
17.9080

■ 248.3320, 4.9970,
3.0530

■ 197.2220, 44.1940,
25.0740

255.0000, -0.0000,
-0.0000

■ 179.7940, 57.4430,
32.7630

■ 162.9530, 70.4170,
39.9290

■ 145.5250, 83.6660,
47.6180

■ 128.6840, 96.6400,
54.7840

■ 111.3700,
109.5680, 62.7840

■ 94.5290, 122.5420,
69.9500

■ 83.7690, 130.7940,
74.5860

Harmonies

Analogous

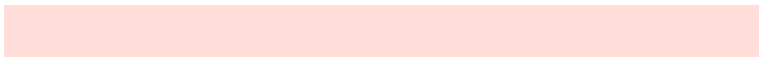
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.4560, 7.8840, 11.3080



231.4910, 17.9710, 10.2190



230.5960, 21.8690, 5.6530

Triad

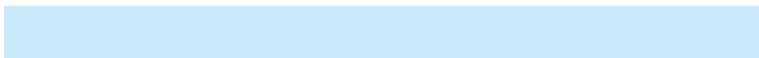
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.4910, 17.9710, 10.2190



226.9430, 4.1740, -9.5700



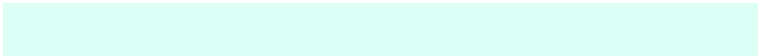
226.3700, -24.5290, -1.4970

Complementary

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



231.4910, 17.9710, 10.2190



243.5090, -17.9710, -10.2190

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.



224.6100, -25.4450, -6.9250



231.4910, 17.9710, 10.2190



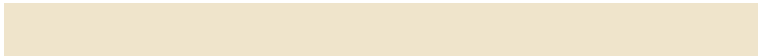
225.2450, -8.4800, -11.5200

Square

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



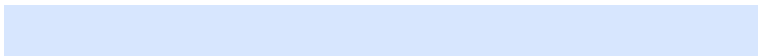
231.4910, 17.9710, 10.2190



228.4390, 14.5810, -5.4430



224.3240, -18.8880, -10.1200



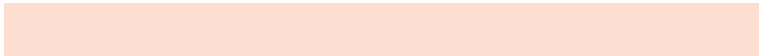
228.2510, -16.6440, 4.2840

Rectangle

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



231.4910, 17.9710, 10.2190



230.0860, 23.2450, 2.7410



224.3240, -18.8880, -10.1200



225.7180, -25.6290, -3.5890

Sweetspot

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



231.4910, 17.9710, 10.2190



248.2180, 5.3180, 2.7420



231.7640, 4.2610, 16.3970



123.3210, 3.5300, 2.1060



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

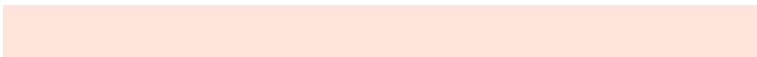
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.4910, 17.9710, 10.2190



227.5130, 20.9050, 12.1130



235.1610, 18.6600, 3.2360



119.2290, 6.7850, 3.6890



62.6950, 98.1070, 55.7310



20.9600, 33.0080, 18.5440

Inverse Universe

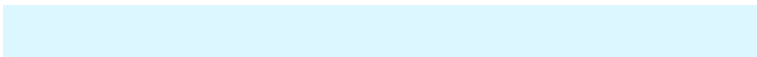
The Inverse Universe completely reimagines the original color for something new.



231.4910, 17.9710, 10.2190



227.5130, 20.9050, 12.1130



239.8390, -18.6600, -3.2360



119.2290, 6.7850, 3.6890



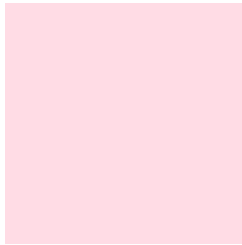
62.6950, 98.1070, 55.7310



20.9600, 33.0080, 18.5440

Previews

White Background



This preview shows how the YIQ color 231.4910, 17.9710, 10.2190 looks on a white background.

Color Contrast Check

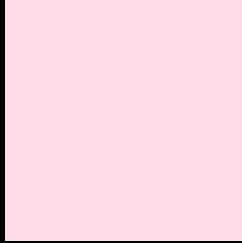
Large Text (above 18pt) WCAG AA × Fail

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 231.4910, 17.9710, 10.2190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

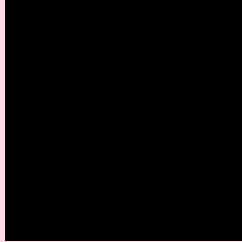
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 231.4910, 17.9710, 10.2190

Background



This preview shows how black text looks on a background with the YIQ color 231.4910, 17.9710, 10.2190.

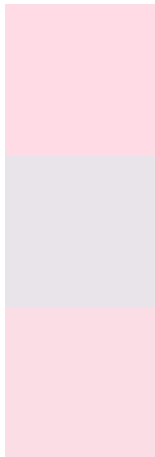


This preview shows how white text looks on a background with the YIQ color 231.4910, 17.9710,

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

231.4910, 17.9710, 10.2190

Protanopia

229.7660, 0.7790, 2.4030

Deuteranopia

231.4690, 15.0370, 8.3250



Tritanopia

231.7020, 15.9990, 12.9190

Trichromacy



Original Color

231.4910, 17.9710, 10.2190

Protanomaly

230.2830, 6.6930, 5.3570

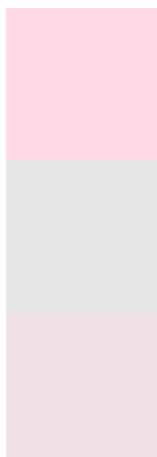
Deuteranomaly

231.1810, 15.9080, 9.0600

Tritanomaly

231.3600, 16.9620, 11.9860

Monochromacy



Original Color

231.4910, 17.9710, 10.2190

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

231.2290, 6.7850, 3.6890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.4910, 17.9710, 10.2190 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, 220, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 229)  
}
```

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, 220, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 229) }
```

Border

The CSS property to change the border of an element to YIQ 231.4910, 17.9710, 10.2190 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, 220, 229) }
```


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

```
.border{ border-color:rgb(255, 220, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 231.4910, 17.9710, 10.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 229) }
```

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

```
.background{ background-color: rgb(255,  
220, 229) }
```

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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