

Converting Colors

YIQ(232.1810, 15.9080, 9.0600)

Have a look what the booklet for
YIQ(232.1810, 15.9080, 9.0600)
contains.

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Color

**YIQ(232.1810, 15.9080,
9.0600)**

Conversions

Conversions Part 1

Format	Color
Hex	FDDEE6
RGB	253, 222, 230
RGB Percent	99%, 87%, 90%
CMY	0.0078, 0.1294, 0.0980
CMYK	0.00, 0.12, 0.09, 0.01
HSL	344°, 89%, 93%
HSV	344°, 12%, 99%
XYZ	80.9181, 78.8360, 85.8256
YIQ	232.1810, 15.9080, 9.0600

Conversions

Conversions Part 2

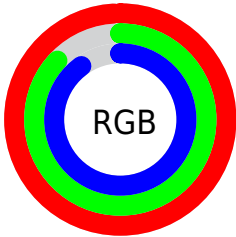
Format	Color
R _Y B	253, 222, 230
Decimal	16637670
CIE Lab	91.16, 11.99, 0.01
CIE LCh	91, 11.988, 0.046
Yxy	78.8360, 0.3295, 0.3210
Android (android.graphics.Color)	4294827750 (0xFFFDDEE6)
YUV	232.1810, -1.0752, 18.2583
Hunter-Lab	88.7897, 7.2934, 4.8420

Details

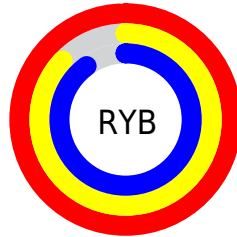
The YIQ color $232.1810, 15.9080, 9.0600$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $242.8190, -15.9080, -9.0600$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.5830, 14.7160, 8.6360$ is the 20% darker color. If you saturate the color by 10%, you get $215.3400, 28.8820, 16.2260$, and if you desaturate by 10%, it is $249.0220, 2.9340, 1.8940$.

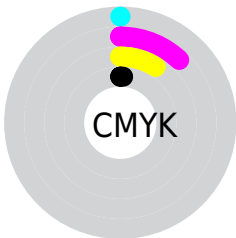
Distribution



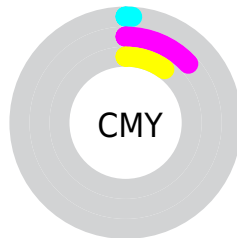
- Red (99%)
- Green (87%)
- Blue (90%)



- Red (99%)
- Yellow (87%)
- Blue (90%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (1%)



- Cyan (1%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.1810, 15.9080, 9.0600 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 232.1810, 15.9080, 9.0600 by changing the saturation by 10% instead.

232.1810, 15.9080,
9.0600

232.1810, 15.9080,
9.0600

255.0000, -0.0000,
-0.0000

203.8820, 15.3120,
8.8480

176.5830, 14.7160,
8.6360

149.5830, 14.7160,
8.6360

123.8710, 13.8450,
7.9010

98.5720, 13.2490,
7.6890

75.2730, 12.6530,
7.4770

51.9740, 12.0570,

7.2650

■ 30.3760, 10.8650,
6.8410

■ 8.6430, 14.4870,
7.2790

■ 232.1810, 15.9080,
9.0600

■ 232.1810, 15.9080,
9.0600

■ 215.3400, 28.8820,
16.2260

■ 249.0220, 2.9340,
1.8940

■ 197.9120, 42.1310,
23.9150

■ 254.4020, -1.1920,
-0.4240

■ 181.1850, 54.7840,
31.3920

■ 164.3440, 67.7580,
38.5580

■ 146.9160, 81.0070,
46.2470

■ 130.0750, 93.9810,
53.4130

■ 113.3480,
106.6340, 60.8900

■ 96.5070, 119.6080,
68.0560

■ 83.0570, 129.9230,
73.8510

Harmonies

Analogous

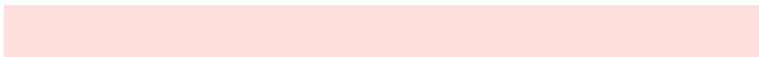
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.2170, 7.0590, 9.7390



232.1810, 15.9080, 9.0600



232.1120, 20.3560, 5.5400

Triad

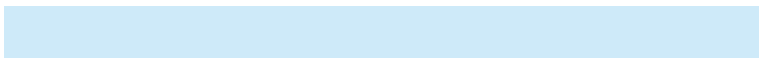
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.1810, 15.9080, 9.0600



227.6980, 3.4860, -8.1140



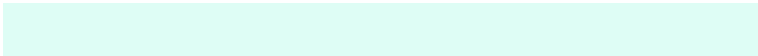
227.3380, -21.5030, -1.2710

Complementary

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



232.1810, 15.9080, 9.0600



242.8190, -15.9080, -9.0600

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.



226.1050, -22.4650, -5.8650



232.1810, 15.9080, 9.0600



226.4840, -7.6550, -9.9510

Square

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



232.1810, 15.9080, 9.0600



229.4820, 13.0220, -4.7220



226.2210, -17.1000, -9.4840



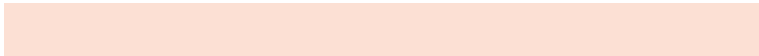
229.5070, -14.4890, 3.7750

Rectangle

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



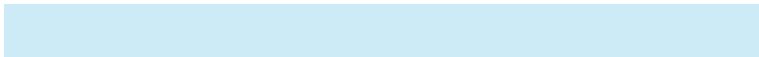
232.1810, 15.9080, 9.0600



231.0040, 20.5400, 2.2040



226.2210, -17.1000, -9.4840



227.0990, -22.3280, -2.8400

Sweetspot

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



232.1810, 15.9080, 9.0600



248.2180, 5.3180, 2.7420



232.4110, 3.7570, 14.5170



123.3210, 3.5300, 2.1060



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

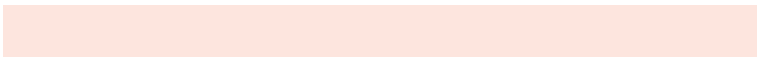
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.1810, 15.9080, 9.0600



229.5020, 19.4380, 11.1660



235.3780, 16.5510, 2.9110



119.2290, 6.7850, 3.6890



62.6950, 98.1070, 55.7310



20.9600, 33.0080, 18.5440

Inverse Universe

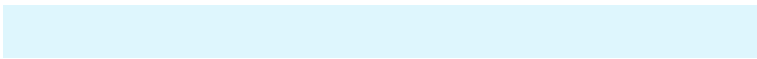
The Inverse Universe completely reimagines the original color for something new.



232.1810, 15.9080, 9.0600



229.5020, 19.4380, 11.1660



239.6220, -16.5510, -2.9110



119.2290, 6.7850, 3.6890



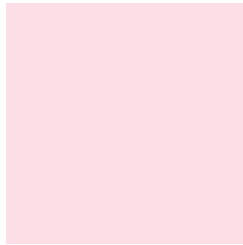
62.6950, 98.1070, 55.7310



20.9600, 33.0080, 18.5440

Previews

White Background



This preview shows how the YIQ color 232.1810, 15.9080, 9.0600 looks on a white background.

Color Contrast Check

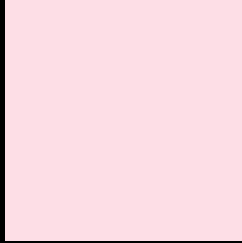
Large Text (above 18pt) WCAG AA × Fail

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 232.1810, 15.9080, 9.0600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

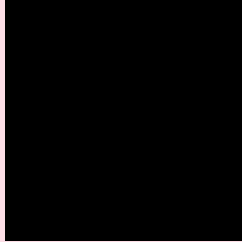
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 232.1810, 15.9080, 9.0600

Background



This preview shows how black text looks on a background with the YIQ color 232.1810, 15.9080, 9.0600.



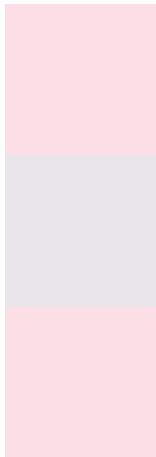
This preview shows how white text looks on a background with the YIQ color 232.1810, 15.9080,

9.0600.

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

232.1810, 15.9080, 9.0600

Protanopia

230.7660, 0.7790, 2.4030

Deuteranopia

231.8820, 15.3120, 8.8480



Tritanopia

232.8050, 14.2110, 12.2830

Trichromacy



Original Color

232.1810, 15.9080, 9.0600

Protanomaly

230.9840, 6.0970, 5.1450

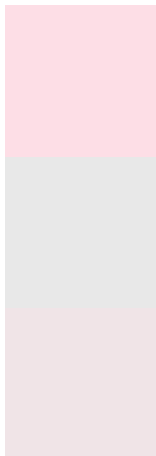
Deuteranomaly

231.8820, 15.3120, 8.8480

Tritanomaly

232.4630, 15.1740, 11.3500

Monochromacy



Original Color

232.1810, 15.9080, 9.0600

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

231.9300, 6.1890, 3.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.1810, 15.9080, 9.0600 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(253, 222, 230)` looks like.

```
.text, #text, p{  
    color:rgb(253, 222, 230)  
}
```

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(253, 222, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 222, 230) }
```

Border

The CSS property to change the border of an element to YIQ 232.1810, 15.9080, 9.0600 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(253, 222, 230) }
```


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

```
.border{ border-color:rgb(253, 222, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 222, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 222, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 222, 230);  
box-shadow:4px 4px 4px 4px rgb(253, 222,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 232.1810, 15.9080, 9.0600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 222, 230) }
```

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

```
.background{ background-color: rgb(253,  
222, 230) }
```

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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