

Converting Colors

YIQ(229.0900, 17.4220, 3.6460)

Have a look what the booklet for
YIQ(229.0900, 17.4220, 3.6460)
contains.

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Color

**YIQ(229.0900, 17.4220,
3.6460)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DED8
RGB	248, 222, 216
RGB Percent	97%, 87%, 85%
CMY	0.0274, 0.1294, 0.1529
CMYK	0.00, 0.10, 0.13, 0.03
HSL	11°, 70%, 91%
HSV	11°, 13%, 97%
XYZ	77.2321, 77.1547, 75.8003
YIQ	229.0900, 17.4220, 3.6460

Conversions

Conversions Part 2

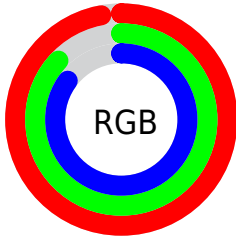
Format	Color
R _Y B	248, 223, 216
Decimal	16309976
CIE Lab	90.39, 7.99, 6.18
CIE LCh	90, 10.099, 37.731
Yxy	77.1547, 0.3355, 0.3352
Android (android.graphics.Color)	4294500056 (0xFFFF8DED8)
YUV	229.0900, -6.4534, 16.5841
Hunter-Lab	87.8378, 3.2316, 10.3217

Details

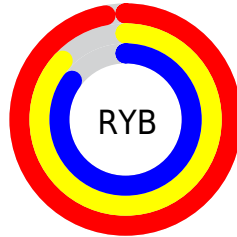
The YIQ color **229.0900, 17.4220, 3.6460** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **234.9100, -17.4220, -3.6460**, and the grayscale version is **229.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **173.4920, 16.2300, 3.2220** is the 20% darker color. If you saturate the color by 10%, you get **214.5000, 30.9470, 6.3310**, and if you desaturate by 10%, it is **243.6800, 3.8970, 0.9610**.

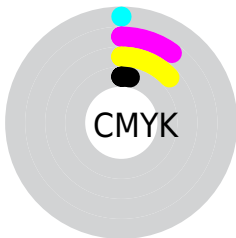
Distribution



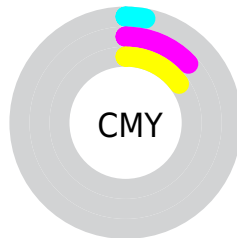
- Red (97%)
- Green (87%)
- Blue (85%)



- Red (97%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (3%)



- Cyan (3%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 229.0900, 17.4220, 3.6460 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 229.0900, 17.4220, 3.6460 by changing the saturation by 10% instead.


 229.0900, 17.4220,
3.6460


 229.0900, 17.4220,
3.6460


255.0000, -0.0000,
-0.0000


 200.7910, 16.8260,
3.4340

 173.4920, 16.2300,
3.2220

 146.6060, 15.9090,
3.5330

 121.3070, 15.3130,
3.3210

 96.0080, 14.7170,
3.1090

 72.4100, 13.5250,
2.6850

 50.1110, 12.9290,

2.4730

■ 28.6270, 11.4160,
2.3600

■ 5.9800, 11.9200,
4.2400

■ 229.0900, 17.4220,
3.6460

■ 229.0900, 17.4220,
3.6460

■ 214.5000, 30.9470,
6.3310

■ 243.6800, 3.8970,
0.9610

■ 199.9100, 44.4720,
9.0160

■ 252.9070, -4.1720,
-1.4840

■ 184.8470, 57.9510,
12.5350

■ 170.2570, 71.4760,
15.2200

■ 155.6670, 85.0010,
17.9050

■ 141.0770, 98.5260,
20.5900

■ 126.4870,
112.0510, 23.2750

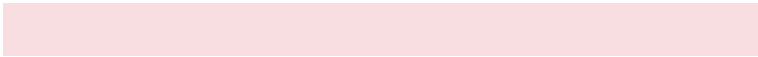
■ 112.0110,
125.2550, 26.2710

■ 101.1540,
135.1580, 28.5180

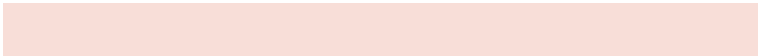
Harmonies

Analogous

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



229.5290, 14.8080, 6.9680



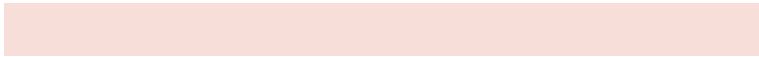
229.0900, 17.4220, 3.6460



228.0850, 15.8180, -0.3260

Triad

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



229.0900, 17.4220, 3.6460



224.9400, -8.9390, -8.7070



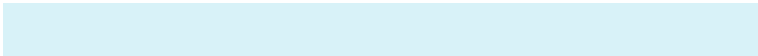
227.3720, -9.6750, 4.6370

Complementary

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



229.0900, 17.4220, 3.6460



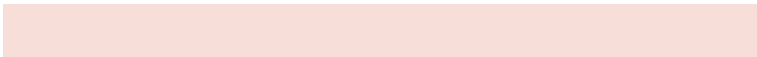
234.9100, -17.4220, -3.6460

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.



225.7300, -16.7350, 0.4250



229.0900, 17.4220, 3.6460



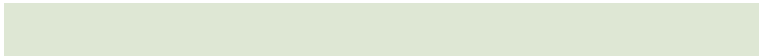
224.2860, -15.7250, -6.8690

Square

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



229.0900, 17.4220, 3.6460



226.1430, 0.7350, -7.8170



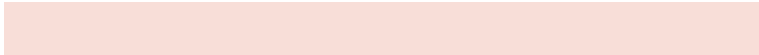
225.0130, -19.2100, -4.2820



228.8570, -0.7350, 7.8170

Rectangle

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



229.0900, 17.4220, 3.6460



227.2370, 12.3340, -3.2660



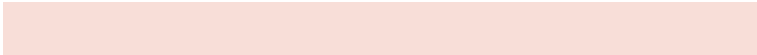
225.0130, -19.2100, -4.2820



226.8770, -12.6550, 3.5770

Sweetspot

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



229.0900, 17.4220, 3.6460



249.1640, 5.4100, 1.0740



228.5320, 10.7260, 14.8700



123.6800, 3.8970, 0.9610



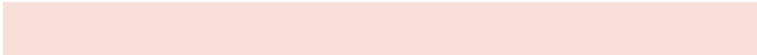
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

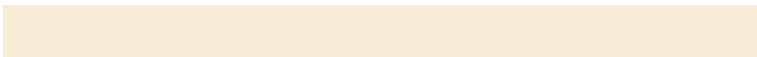
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.0900, 17.4220, 3.6460



232.4710, 20.7230, 4.3950



238.4820, 13.0220, -4.7220



117.6480, 6.9230, 1.1870



77.0560, 103.0190, 21.7630



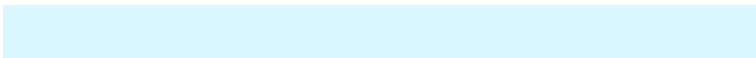
24.6960, 33.3310, 7.1790

Inverse Universe

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



234.9100, -17.4220, -3.6460



239.5290, -20.7230, -4.3950



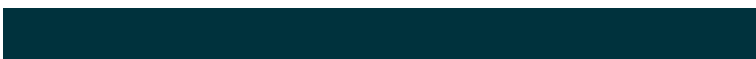
225.5180, -13.0220, 4.7220



119.9390, -7.1980, -1.7100



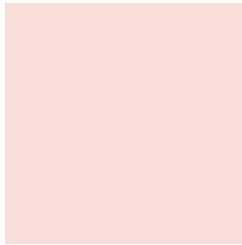
111.3570, -102.7440, -21.2400



36.3040, -33.3310, -7.1790

Previews

White Background



This preview shows how the YIQ color 229.0900, 17.4220, 3.6460 looks on a white background.

Color Contrast Check

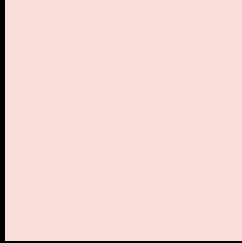
Large Text (above 18pt) WCAG AA × Fail

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 229.0900, 17.4220, 3.6460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

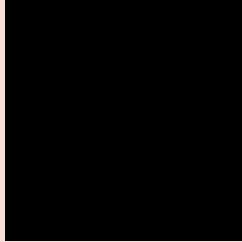
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 229.0900, 17.4220, 3.6460

Background



This preview shows how black text looks on a background with the YIQ color 229.0900, 17.4220, 3.6460.



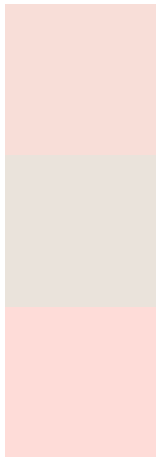
This preview shows how white text looks on a background with the YIQ color 229.0900, 17.4220,

3.6460.

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

229.0900, 17.4220, 3.6460

Protanopia

228.1810, 6.7400, -1.0040

Deuteranopia

229.7100, 21.5480, 5.9640



Tritanopia

230.5060, 13.6150, 12.0710

Trichromacy



Original Color

229.0900, 17.4220, 3.6460

Protanomaly

228.3880, 10.5910, 0.7910

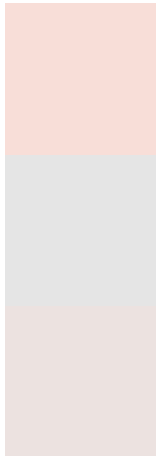
Deuteranomaly

229.6990, 20.0810, 5.0170

Tritanomaly

229.9960, 14.9910, 9.1590

Monochromacy



Original Color

229.0900, 17.4220, 3.6460

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.7620, 6.6020, 1.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.0900, 17.4220, 3.6460 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(248, 222, 216)` looks like.

```
.text, #text, p{  
    color:rgb(248, 222, 216)  
}
```

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(248, 222, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 222, 216) }
```

Border

The CSS property to change the border of an element to YIQ 229.0900, 17.4220, 3.6460 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(248, 222, 216) }
```


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

```
.border{ border-color:rgb(248, 222, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 222, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 222, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 222, 216);  
box-shadow:4px 4px 4px 4px rgb(248, 222,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 229.0900, 17.4220, 3.6460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 222, 216) }
```

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

```
.background{ background-color: rgb(248,  
222, 216) }
```

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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