

Converting Colors

YIQ(222.8800, 26.8210, 4.0130)

Have a look what the booklet for
YIQ(222.8800, 26.8210, 4.0130)
contains.

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Color

**YIQ(222.8800, 26.8210,
4.0130)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD5C8
RGB	251, 213, 200
RGB Percent	98%, 84%, 78%
CMY	0.0156, 0.1647, 0.2156
CMYK	0.00, 0.15, 0.20, 0.02
HSL	15°, 87%, 88%
HSV	15°, 20%, 98%
XYZ	74.0102, 72.2651, 64.7096
YIQ	222.8800, 26.8210, 4.0130

Conversions

Conversions Part 2

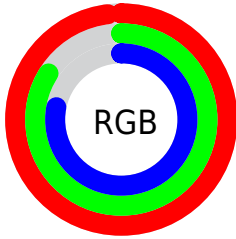
Format	Color
R _Y B	251, 217, 200
Decimal	16504264
CIE Lab	88.10, 11.31, 11.32
CIE LCh	88, 16.003, 45.046
Yxy	72.2651, 0.3508, 0.3425
Android (android.graphics.Color)	4294694344 (0xFFFBD5C8)
YUV	222.8800, -11.2798, 24.6612
Hunter-Lab	85.0089, 6.6398, 14.3741

Details

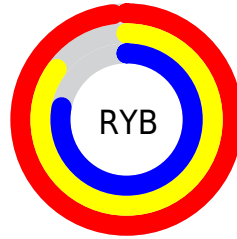
The YIQ color **222.8800, 26.8210, 4.0130** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **228.1200, -26.8210, -4.0130**, and the grayscale version is **223.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **167.3960, 25.3080, 3.9000** is the 20% darker color. If you saturate the color by 10%, you get **208.8770, 40.0710, 6.1750**, and if you desaturate by 10%, it is **236.8830, 13.5710, 1.8510**.

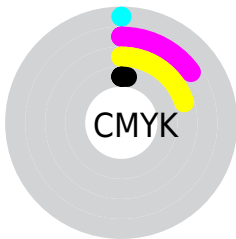
Distribution



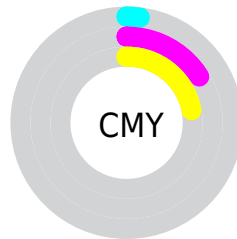
- Red (98%)
- Green (84%)
- Blue (78%)



- Red (98%)
- Yellow (85%)
- Blue (78%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (2%)





- Cyan (2%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 222.8800, 26.8210, 4.0130 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 222.8800, 26.8210, 4.0130 by changing the saturation by 10% instead.


 222.8800, 26.8210,
4.0130


 222.8800, 26.8210,
4.0130


255.0000, -0.0000,
-0.0000


 194.6950, 25.9040,
4.1120

 167.3960, 25.3080,
3.9000

 140.7980, 24.1160,
3.4760

 115.6130, 23.1990,
3.5750

 91.0150, 22.0070,
3.1510

 66.5310, 20.4940,
3.0380

 44.6340, 18.7060,

2.4020

■ 22.8790, 19.3940,
0.9460

■ 2.3920, 4.7680,
1.6960

■ 222.8800, 26.8210,
4.0130

■ 222.8800, 26.8210,
4.0130

■ 208.8770, 40.0710,
6.1750

■ 236.8830, 13.5710,
1.8510

■ 195.4610, 53.0460,
7.8140

■ 250.2990, 0.5960,
0.2120

■ 181.4580, 66.2960,
9.9760

■ 253.8040, -2.3840,
-0.8480

■ 167.4550, 79.5460,
12.1380

■ 153.4520, 92.7960,
14.3000

■ 139.9220,
106.0920, 15.6280

■ 125.9190,
119.3420, 17.7900

■ 112.6170,
131.9960, 19.7400

Harmonies

Analogous

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



224.1990, 24.6650, 10.0490



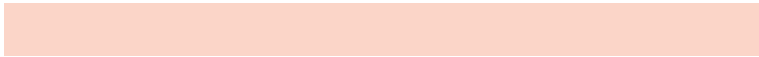
222.8800, 26.8210, 4.0130



221.3260, 22.3290, -2.6870

Triad

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



222.8800, 26.8210, 4.0130



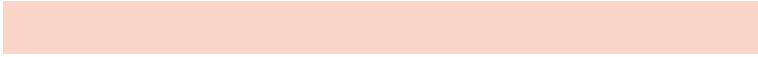
216.1130, -16.9160, -12.8200



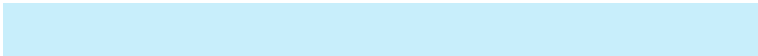
221.6260, -13.2060, 8.0580

Complementary

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



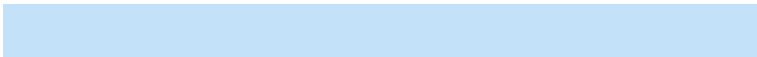
222.8800, 26.8210, 4.0130



228.1200, -26.8210, -4.0130

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.



219.1790, -25.3090, 1.6270



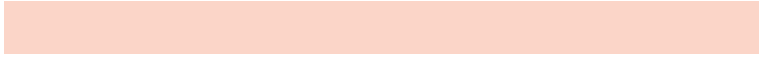
222.8800, 26.8210, 4.0130



215.7190, -27.3700, -10.5860

Square

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



222.8800, 26.8210, 4.0130



218.1270, -2.3360, -12.7360



216.4400, -30.7180, -4.9740



223.5740, 1.7400, 12.5240

Rectangle

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



222.8800, 26.8210, 4.0130



220.5700, 15.5900, -7.2100



216.4400, -30.7180, -4.9740



220.5330, -17.3780, 6.5740

Sweetspot

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



222.8800, 26.8210, 4.0130



246.8330, 7.8400, 1.0880



219.5810, 18.1980, 22.6300



122.8650, 4.8140, 0.8620



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.



222.8800, 26.8210, 4.0130



221.0440, 32.2310, 5.0870



237.5550, 19.9460, -9.0620



118.2350, 6.6480, 0.6640



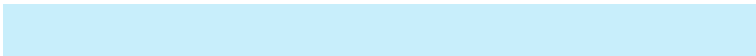
84.6870, 99.4440, 14.9640



27.6310, 31.9560, 4.5640

Inverse Universe

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



228.1200, -26.8210, -4.0130



227.3690, -31.9560, -4.5640



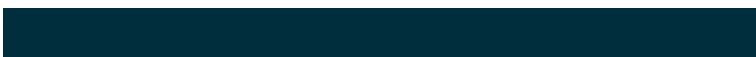
213.4450, -19.9460, 9.0620



119.3520, -6.9230, -1.1870



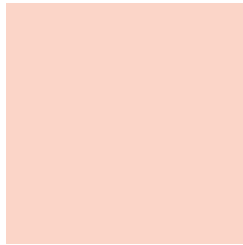
104.3130, -99.4440, -14.9640



33.9560, -32.2310, -5.0870

Previews

White Background



This preview shows how the YIQ color 222.8800, 26.8210, 4.0130 looks on a white background.

Color Contrast Check

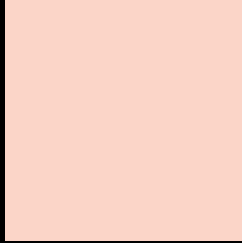
Large Text (above 18pt) WCAG AA × Fail

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 222.8800, 26.8210, 4.0130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

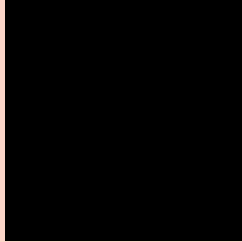
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.8800, 26.8210, 4.0130

Background



This preview shows how black text looks on a background with the YIQ color 222.8800, 26.8210, 4.0130.

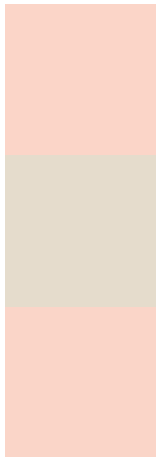


This preview shows how white text looks on a background with the YIQ color 222.8800, 26.8210,

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

222.8800, 26.8210, 4.0130

Protanopia

220.8670, 10.5000, -3.0680

Deuteranopia

222.5810, 26.2250, 3.8010



Tritanopia

224.2790, 21.6840, 14.5160

Trichromacy



Original Color

222.8800, 26.8210, 4.0130

Protanomaly

221.3840, 16.4140, -0.1140

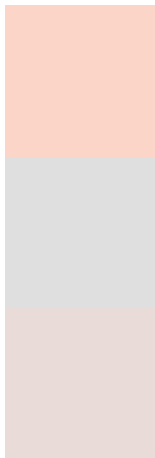
Deuteranomaly

222.5810, 26.2250, 3.8010

Tritanomaly

223.5410, 23.7020, 10.9820

Monochromacy



Original Color

222.8800, 26.8210, 4.0130

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

222.7300, 9.6280, 1.7240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.8800, 26.8210, 4.0130 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(251, 213, 200)` looks like.

```
.text, #text, p{  
    color:rgb(251, 213, 200)  
}
```

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(251, 213, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 213, 200) }
```

Border

The CSS property to change the border of an element to YIQ 222.8800, 26.8210, 4.0130 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(251, 213, 200) }
```


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

```
.border{ border-color:rgb(251, 213, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 213, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 213, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 213, 200);  
box-shadow:4px 4px 4px 4px rgb(251, 213,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 222.8800, 26.8210, 4.0130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 213, 200) }
```

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

```
.background{ background-color: rgb(251,  
213, 200) }
```

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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