

Converting Colors

YIQ(224.8940, 15.0380, 2.7980)

Have a look what the booklet for
YIQ(224.8940, 15.0380, 2.7980)
contains.

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Color

**YIQ(224.8940, 15.0380,
2.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DBD5
RGB	241, 219, 213
RGB Percent	95%, 86%, 84%
CMY	0.0548, 0.1412, 0.1646
CMYK	0.00, 0.09, 0.12, 0.05
HSL	13°, 50%, 89%
HSV	13°, 12%, 95%
XYZ	73.6213, 74.1661, 73.3969
YIQ	224.8940, 15.0380, 2.7980

Conversions

Conversions Part 2

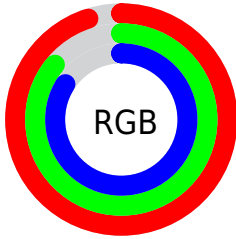
Format	Color
R _Y B	241, 221, 213
Decimal	15850453
CIE Lab	89.00, 6.60, 5.67
CIE LCh	89, 8.703, 40.689
Yxy	74.1661, 0.3329, 0.3353
Android (android.graphics.Color)	4294040533 (0xFFFF1DBD5)
YUV	224.8940, -5.8637, 14.1250
Hunter-Lab	86.1197, 1.8850, 9.7530

Details

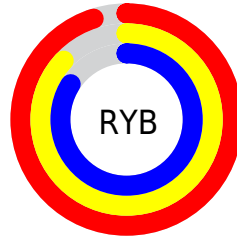
The YIQ color $224.8940, 15.0380, 2.7980$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $229.1060, -15.0380, -2.7980$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $169.5950, 14.4420, 2.5860$ is the 20% darker color. If you saturate the color by 10%, you get $211.0050, 27.9670, 5.2710$, and if you desaturate by 10%, it is $238.7830, 2.1090, 0.3250$.

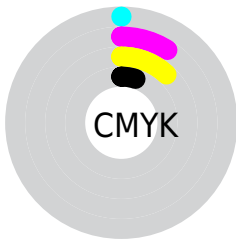
Distribution



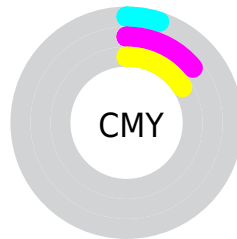
- Red (95%)
- Green (86%)
- Blue (84%)



- Red (95%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (5%)





- Cyan (5%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 224.8940, 15.0380, 2.7980 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 224.8940, 15.0380, 2.7980 by changing the saturation by 10% instead.


 224.8940, 15.0380,
2.7980


 224.8940, 15.0380,
2.7980


255.0000, -0.0000,
-0.0000


 196.8940, 15.0380,
2.7980

 169.5950, 14.4420,
2.5860

 143.2960, 13.8460,
2.3740

 117.4100, 13.5250,
2.6850

 92.8120, 12.3330,
2.2610

 69.5130, 11.7370,
2.0490

 46.9150, 10.5450,

1.6250

■ 25.7300, 9.6280,
1.7240

■ 1.7940, 3.5760,
1.2720

■ 224.8940, 15.0380,
2.7980

■ 224.8940, 15.0380,
2.7980

■ 211.0050, 27.9670,
5.2710

■ 238.7830, 2.1090,
0.3250

■ 197.1160, 40.8960,
7.7440

■ 250.8140, -8.3440,
-2.9680

■ 183.2270, 53.8250,
10.2170

■ 169.3380, 66.7540,
12.6900

■ 155.4490, 79.6830,
15.1630

■ 141.4460, 92.9330,
17.3250

■ 127.5570,
105.8620, 19.7980

■ 113.6680,
118.7910, 22.2710

■ 101.9960,
129.6110, 24.4190

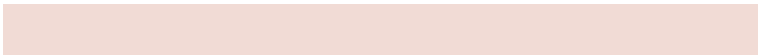
Harmonies

Analogous

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



225.5180, 13.3410, 6.0210



224.8940, 15.0380, 2.7980



224.0030, 13.1130, -0.8630

Triad

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



224.8940, 15.0380, 2.7980



221.1790, -8.1140, -7.1380



223.7420, -7.8410, 4.4390

Complementary

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



224.8940, 15.0380, 2.7980



229.1060, -15.0380, -2.7980

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.



222.6980, -13.7090, 0.6510



224.8940, 15.0380, 2.7980



221.1830, -13.9370, -6.2330

Square

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



224.8940, 15.0380, 2.7980



221.8980, 0.0470, -6.3610



221.5080, -16.2300, -3.2220



225.1020, -0.0470, 6.3610

Rectangle

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



224.8940, 15.0380, 2.7980



223.5680, 9.9040, -3.2800



221.5080, -16.2300, -3.2220



223.1330, -10.5000, 3.0680

Sweetspot

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



224.8940, 15.0380, 2.7980



250.5660, 4.2180, 0.6500



223.8800, 9.6260, 12.7780



124.3810, 3.3010, 0.7490



0.0000, 0.0000, 0.0000



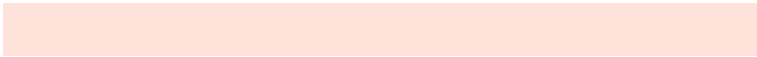
128.0000, -0.0000, -0.0000

Same Dimension

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



224.8940, 15.0380, 2.7980



234.4600, 19.2560, 3.4480



233.1120, 11.1880, -4.5240



112.7620, 6.6020, 1.4980



77.9090, 98.9390, 18.6110



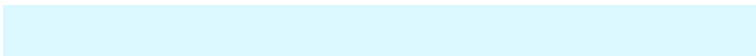
23.7880, 30.0760, 5.5960

Inverse Universe

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



229.1060, -15.0380, -2.7980



239.5400, -19.2560, -3.4480



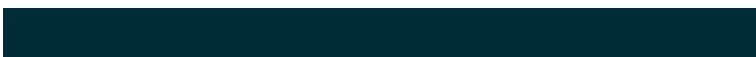
220.8880, -11.1880, 4.5240



114.6510, -6.3270, -0.9750



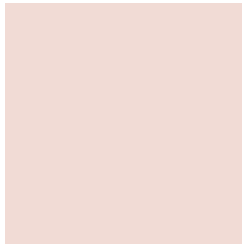
105.5040, -98.6640, -18.0880



32.2120, -30.0760, -5.5960

Previews

White Background



This preview shows how the YIQ color 224.8940, 15.0380, 2.7980 looks on a white background.

Color Contrast Check

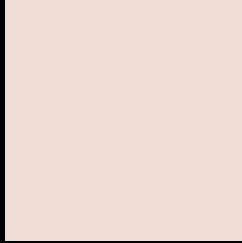
Large Text (above 18pt) WCAG AA × Fail

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 224.8940, 15.0380, 2.7980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

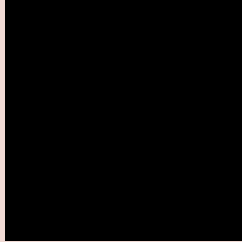
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.8940, 15.0380, 2.7980

Background



This preview shows how black text looks on a background with the YIQ color 224.8940, 15.0380, 2.7980.



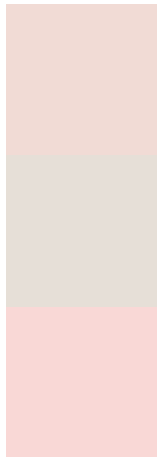
This preview shows how white text looks on a background with the YIQ color 224.8940, 15.0380,

2.7980.

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

224.8940, 15.0380, 2.7980

Protanopia

224.1810, 6.7400, -1.0040

Deuteranopia

225.6390, 20.3100, 6.3740



Tritanopia

226.3100, 11.2310, 11.2230

Trichromacy



Original Color

224.8940, 15.0380, 2.7980

Protanomaly

224.6760, 9.7200, 0.0560

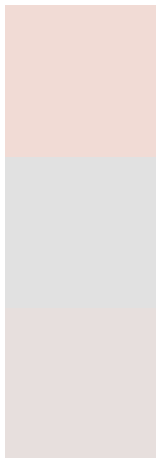
Deuteranomaly

225.3290, 18.2470, 5.2150

Tritanomaly

225.8000, 12.6070, 8.3110

Monochromacy



Original Color

224.8940, 15.0380, 2.7980

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

225.1640, 5.4100, 1.0740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.8940, 15.0380, 2.7980 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(241, 219, 213)` looks like.

```
.text, #text, p{  
    color:rgb(241, 219, 213)  
}
```

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(241, 219, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 219, 213) }
```

Border

The CSS property to change the border of an element to YIQ 224.8940, 15.0380, 2.7980 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(241, 219, 213) }
```


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

```
.border{ border-color:rgb(241, 219, 213) }
```

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

Here you see how a box with a 4 pixel rgb(241, 219, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 219, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 219, 213);  
box-shadow:4px 4px 4px 4px rgb(241, 219,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 224.8940, 15.0380, 2.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 219, 213) }
```

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

```
.background{ background-color: rgb(241,  
219, 213) }
```

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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