

Converting Colors

YIQ(221.2840, 14.1200, 8.4240)

Have a look what the booklet for
YIQ(221.2840, 14.1200, 8.4240)
contains.

YIQ(221.2840, 14.1200, 8.4240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(221.2840, 14.1200,
8.4240)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D4DC
RGB	240, 212, 220
RGB Percent	94%, 83%, 86%
CMY	0.0587, 0.1687, 0.1372
CMYK	0.00, 0.12, 0.08, 0.06
HSL	343°, 48%, 89%
HSV	343°, 12%, 94%
XYZ	72.4019, 70.7775, 77.5644
YIQ	221.2840, 14.1200, 8.4240

Conversions

Conversions Part 2

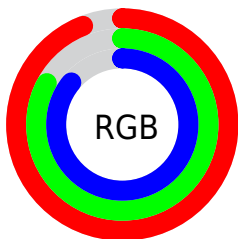
Format	Color
R _Y B	240, 212, 220
Decimal	15783132
CIE Lab	87.38, 11.05, -0.38
CIE LCh	87, 11.057, 358.008
Yxy	70.7775, 0.3280, 0.3206
Android (android.graphics.Color)	4293973212 (0xFFFF0D4DC)
YUV	221.2840, -0.6330, 16.4139
Hunter-Lab	84.1294, 6.3909, 4.2272

Details

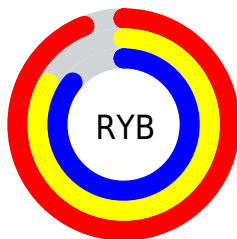
The YIQ color $221.2840, 14.1200, 8.4240$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $230.7160, -14.1200, -8.4240$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $165.9850, 13.5240, 8.2120$ is the 20% darker color. If you saturate the color by 10%, you get $205.2580, 26.1770, 15.6890$, and if you desaturate by 10%, it is $237.3100, 2.0630, 1.1590$.

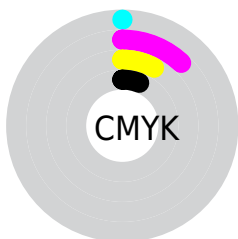
Distribution



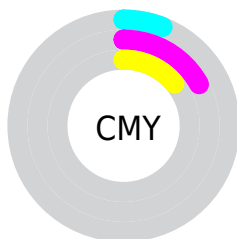
- Red (94%)
- Green (83%)
- Blue (86%)



- Red (94%)
- Yellow (83%)
- Blue (86%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (6%)





- Cyan (6%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 221.2840, 14.1200, 8.4240 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 221.2840, 14.1200, 8.4240 by changing the saturation by 10% instead.


 221.2840, 14.1200,
8.4240


 221.2840, 14.1200,
8.4240


255.0000, -0.0000,
-0.0000


 193.2840, 14.1200,
8.4240

 165.9850, 13.5240,
8.2120

 139.6860, 12.9280,
8.0000

 114.2730, 12.6530,
7.4770

 89.6750, 11.4610,
7.0530

 66.3760, 10.8650,
6.8410

 44.0770, 10.2690,

6.6290

■ 23.3650, 9.3980,
5.8940

■ 0.0000, 0.0000,
0.0000

■ 221.2840, 14.1200,
8.4240

■ 221.2840, 14.1200,
8.4240

■ 205.2580, 26.1770,
15.6890

■ 237.3100, 2.0630,
1.1590

■ 189.2320, 38.2340,
22.9540

■ 250.4010, -8.6190,
-3.4910

■ 173.2060, 50.2910,
30.2190

■ 250.5150, -8.9400,
-3.1800

■ 157.0660, 62.6690,
37.1730

■ 141.0400, 74.7260,
44.4380

■ 125.0140, 86.7830,
51.7030

■ 108.9880, 98.8400,
58.9680

■ 92.9620, 110.8970,
66.2330

■ 79.6260, 120.8910,
72.3390

Harmonies

Analogous

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



221.2060, 5.5920, 8.7920



221.2840, 14.1200, 8.4240



220.7420, 18.5220, 5.7380

Triad

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



221.2840, 14.1200, 8.4240



217.4100, 4.3570, -7.3790



216.7080, -19.6690, -1.4690

Complementary

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



221.2840, 14.1200, 8.4240



230.7160, -14.1200, -8.4240

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.



215.7740, -20.0350, -5.8510



221.2840, 14.1200, 8.4240



216.4950, -6.1880, -9.0040

Square

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



221.2840, 14.1200, 8.4240



219.0090, 12.9760, -3.8880



215.5310, -15.0370, -8.3250



218.3930, -14.1680, 3.4640

Rectangle

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



221.2840, 14.1200, 8.4240



220.6340, 18.7060, 2.4020



215.5310, -15.0370, -8.3250



216.4690, -20.4940, -3.0380

Sweetspot

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



221.2840, 14.1200, 8.4240



248.3320, 4.9970, 3.0530



221.1720, 2.9320, 12.9480



123.3210, 3.5300, 2.1060



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

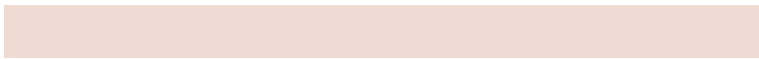
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.2840, 14.1200, 8.4240



231.0180, 17.9250, 11.0530



223.8940, 15.0380, 2.7980



111.9300, 6.1890, 3.4770



61.0580, 92.6510, 55.4910



18.5680, 28.2400, 16.8480

Inverse Universe

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



221.2840, 14.1200, 8.4240



231.0180, 17.9250, 11.0530



228.1060, -15.0380, -2.7980



111.9300, 6.1890, 3.4770



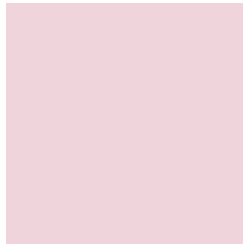
61.0580, 92.6510, 55.4910



18.5680, 28.2400, 16.8480

Previews

White Background



This preview shows how the YIQ color 221.2840, 14.1200, 8.4240 looks on a white background.

Color Contrast Check

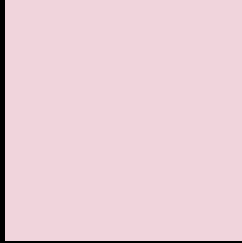
Large Text (above 18pt) WCAG AA × Fail

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 221.2840, 14.1200, 8.4240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

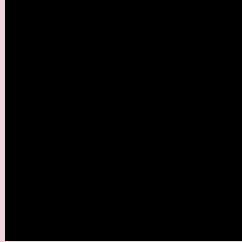
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.2840, 14.1200, 8.4240

Background



This preview shows how black text looks on a background with the YIQ color 221.2840, 14.1200, 8.4240.



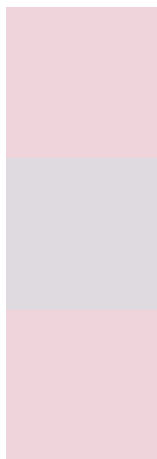
This preview shows how white text looks on a background with the YIQ color 221.2840, 14.1200,

8.4240.

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

221.2840, 14.1200, 8.4240

Protanopia

219.7660, 0.7790, 2.4030

Deuteranopia

221.2840, 14.1200, 8.4240



Tritanopia

221.7940, 12.7440, 11.3360

Trichromacy



Original Color

221.2840, 14.1200, 8.4240

Protanomaly

220.5710, 5.8220, 4.6220

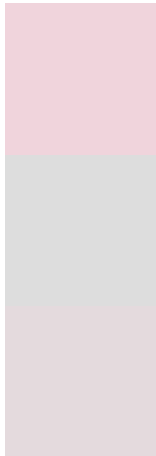
Deuteranomaly

221.2840, 14.1200, 8.4240

Tritanomaly

221.4520, 13.7070, 10.4030

Monochromacy



Original Color

221.2840, 14.1200, 8.4240

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.3320, 4.9970, 3.0530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.2840, 14.1200, 8.4240 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(240, 212, 220)` looks like.

```
.text, #text, p{  
    color:rgb(240, 212, 220)  
}
```

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(240, 212, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 212, 220) }
```

Border

The CSS property to change the border of an element to YIQ 221.2840, 14.1200, 8.4240 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(240, 212, 220) }
```


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

```
.border{ border-color:rgb(240, 212, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 212, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 212, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 212, 220);  
box-shadow:4px 4px 4px 4px rgb(240, 212,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 221.2840, 14.1200, 8.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 212, 220) }
```

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

```
.background{ background-color: rgb(240,  
212, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor