

Converting Colors

YIQ(231.7100, 12.3800, -4.1000)

Have a look what the booklet for
YIQ(231.7100, 12.3800, -4.1000)
contains.

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Color

**YIQ(231.7100, 12.3800,
-4.1000)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E7D3
RGB	241, 231, 211
RGB Percent	95%, 91%, 83%
CMY	0.0549, 0.0941, 0.1725
CMYK	0.00, 0.04, 0.12, 0.05
HSL	40°, 52%, 89%
HSV	40°, 12%, 95%
XYZ	76.6113, 80.5547, 73.1496
YIQ	231.7100, 12.3800, -4.1000

Conversions

Conversions Part 2

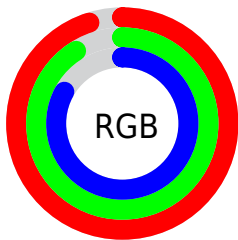
Format	Color
R_{YB}	226, 241, 211
Decimal	15853523
CIE _{Lab}	91.93, 0.09, 10.93
CIE _{LCh}	92, 10.927, 89.507
Yxy	80.5547, 0.3326, 0.3498
Android (android.graphics.Color)	4294043603 (0xFFFF1E7D3)
YUV	231.7100, -10.2100, 8.1473
Hunter-Lab	89.7523, -4.7014, 14.5042

Details

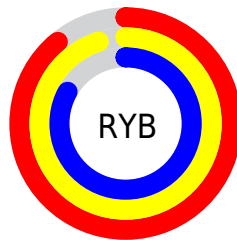
The YIQ color $231.7100, 12.3800, -4.1000$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $220.2900, -12.3800, 4.1000$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.8240, 12.0590, -3.7890$ is the 20% darker color. If you saturate the color by 10%, you get $224.2780, 22.2840, -7.3800$, and if you desaturate by 10%, it is $239.1420, 2.4760, -0.8200$.

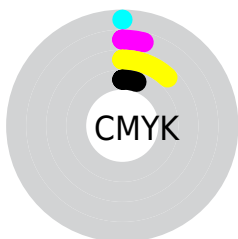
Distribution



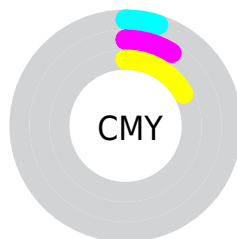
- Red (95%)
- Green (91%)
- Blue (83%)



- Red (89%)
- Yellow (95%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.7100, 12.3800, -4.1000 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 231.7100, 12.3800, -4.1000 by changing the saturation by 10% instead.

■ 231.7100, 12.3800,
-4.1000

■ 231.7100, 12.3800,
-4.1000

255.0000, -0.0000,
-0.0000

■ 203.7100, 12.3800,
-4.1000

■ 175.8240, 12.0590,
-3.7890

■ 149.5250, 11.4630,
-4.0010

■ 123.6390, 11.1420,
-3.6900

■ 98.4540, 10.2250,
-3.5910

■ 74.5680, 9.9040,
-3.2800

■ 52.2690, 9.3080,

-3.4920

■ 31.0840, 8.3910,
-3.3930

■ 7.3980, 4.6310,
-1.3290

■ 231.7100, 12.3800,
-4.1000

■ 231.7100, 12.3800,
-4.1000

■ 224.2780, 22.2840,
-7.3800

■ 239.1420, 2.4760,
-0.8200

■ 216.8460, 32.1880,
-10.6600

■ 246.1180, -6.1440,
1.2160

■ 209.4140, 42.0920,
-13.9400

■ 250.8140, -8.3440,
-2.9680

■ 201.9820, 51.9960,
-17.2200

■ 194.5500, 61.9000,
-20.5000

■ 187.0040, 72.1250,
-24.0910

■ 179.5720, 82.0290,
-27.3710

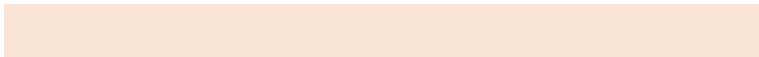
■ 172.1400, 91.9330,
-30.6510

■ 166.5660, 99.3610,
-33.1110

Harmonies

Analogous

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



232.9820, 17.6060, 0.3100



231.7100, 12.3800, -4.1000



230.2250, 3.4400, -7.2800

Triad

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



231.7100, 12.3800, -4.1000



228.8880, -20.3560, -5.5400



233.9180, 6.4630, 9.5270

Complementary

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



231.7100, 12.3800, -4.1000



220.2900, -12.3800, 4.1000

Split Complementary

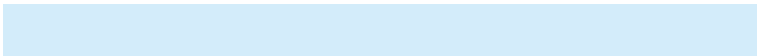
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.8890, -3.7610, 7.5910



231.7100, 12.3800, -4.1000



230.1210, -19.3940, -0.9460

Square

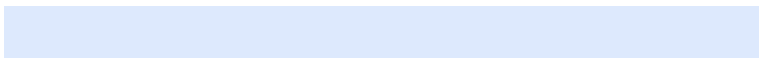
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



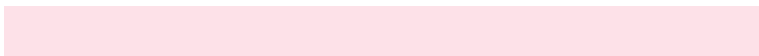
231.7100, 12.3800, -4.1000



228.5310, -15.0370, -8.3250



231.6920, -13.5720, 3.6760



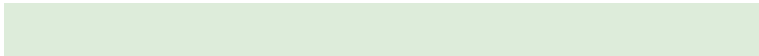
234.1700, 14.4410, 8.1130

Rectangle

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



231.7100, 12.3800, -4.1000



229.4630, -3.1620, -8.7780



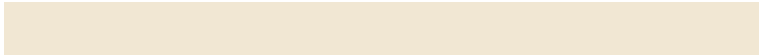
231.6920, -13.5720, 3.6760



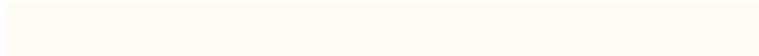
233.6510, 2.8410, 9.0890

Sweetspot

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



231.7100, 12.3800, -4.1000



252.0990, 4.0350, -1.5410



221.2240, 14.3490, 9.7810



125.4410, 3.0720, -0.6080



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.



231.7100, 12.3800, -4.1000



243.0370, 15.7730, -5.0190



236.3840, 7.2460, -10.1780



116.2840, 4.9520, -1.6400



126.6300, 76.1140, -24.7980



38.4630, 23.2010, -7.4790

Inverse Universe

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



220.2900, -12.3800, 4.1000



228.9630, -15.7730, 5.0190



215.9150, -6.6500, 10.3900



111.7160, -4.9520, 1.6400



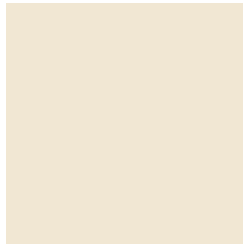
56.7830, -75.8390, 25.3210



17.5370, -23.2010, 7.4790

Previews

White Background



This preview shows how the YIQ color 231.7100, 12.3800, -4.1000 looks on a white background.

Color Contrast Check

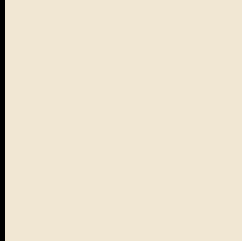
Large Text (above 18pt) WCAG AA × Fail

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 231.7100, 12.3800, -4.1000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

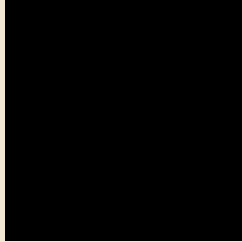
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

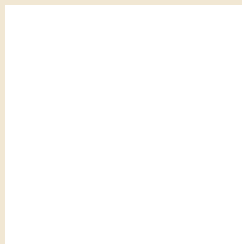
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.7100, 12.3800, -4.1000

Background



This preview shows how black text looks on a background with the YIQ color 231.7100, 12.3800, -4.1000.



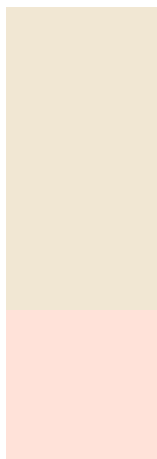
This preview shows how white text looks on a background with the YIQ color 231.7100, 12.3800,

-4.1000.

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

231.7100, 12.3800, -4.1000

Protanopia

231.7100, 12.3800, -4.1000

Deuteranopia

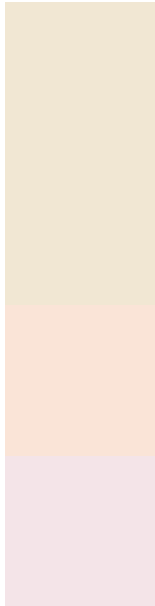
233.6450, 20.1730, 3.3490



Tritanopia

234.0320, 6.1420, 9.8380

Trichromacy



Original Color

231.7100, 12.3800, -4.1000

Protanomaly

231.7100, 12.3800, -4.1000

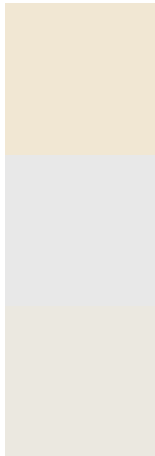
Deuteranomaly

233.0960, 17.2850, 0.6210

Tritanomaly

233.2400, 8.2520, 4.6360

Monochromacy



Original Color

231.7100, 12.3800, -4.1000

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

231.9850, 4.3560, -1.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.7100, 12.3800, -4.1000 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, 231, 211)` looks like.

```
.text, #text, p{  
    color:rgb(241, 231, 211)  
}
```

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, 231, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 231, 211) }
```

Border

The CSS property to change the border of an element to YIQ 231.7100, 12.3800, -4.1000 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, 231, 211) }
```


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

```
.border{ border-color:rgb(241, 231, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 231, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 231, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 231, 211);  
box-shadow:4px 4px 4px 4px rgb(241, 231,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 231.7100, 12.3800, -4.1000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 231, 211) }
```

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

```
.background{ background-color: rgb(241,  
231, 211) }
```

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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