

Converting Colors

YIQ(241.9410, 15.6830,
-14.4050)

Have a look what the booklet for
YIQ(241.9410, 15.6830, -14.4050)
contains.

YIQ(241.9410, 15.6830, -14.4050)	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(241.9410, 15.6830,
-14.4050)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F7C8
RGB	248, 247, 200
RGB Percent	97%, 97%, 78%
CMY	0.0275, 0.0314, 0.2156
CMYK	0.00, 0.00, 0.19, 0.03
HSL	59°, 77%, 88%
HSV	59°, 19%, 97%
XYZ	82.3978, 90.6477, 67.8129
YIQ	241.9410, 15.6830, -14.4050

Conversions

Conversions Part 2

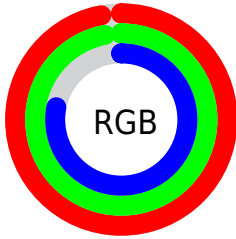
Format	Color
R _Y B	201, 248, 200
Decimal	16316360
CIE Lab	96.26, -7.14, 22.76
CIE LCh	96, 23.858, 107.425
Yxy	90.6477, 0.3421, 0.3764
Android (android.graphics.Color)	4294506440 (0xFFFF8F7C8)
YUV	241.9410, -20.6769, 5.3137
Hunter-Lab	95.2091, -12.1347, 24.4169

Details

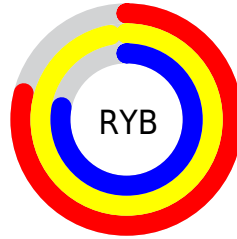
The YIQ color $241.9410, 15.6830, -14.4050$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $206.0590, -15.6830, 14.4050$, and the grayscale version is $242.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $185.8700, 14.4450, -13.9950$ is the 20% darker color. If you saturate the color by 10%, you get $238.5040, 23.9830, -21.6570$, and if you desaturate by 10%, it is $245.3780, 7.3830, -7.1530$.

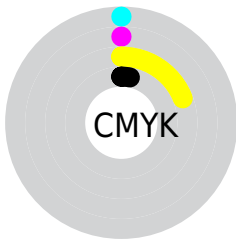
Distribution



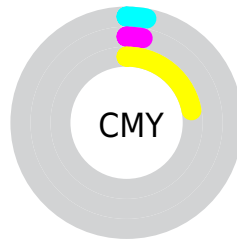
- Red (97%)
- Green (97%)
- Blue (78%)



- Red (79%)
- Yellow (97%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (19%)
- Black (3%)



- Cyan (3%)
- Magenta (3%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.9410, 15.6830, -14.4050 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 241.9410, 15.6830, -14.4050 by changing the saturation by 10% instead.

■ 241.9410, 15.6830,
-14.4050

■ 241.9410, 15.6830,
-14.4050

255.0000, -0.0000,
-0.0000

■ 213.7560, 14.7660,
-14.3060

■ 185.8700, 14.4450,
-13.9950

■ 158.9840, 14.1240,
-13.6840

■ 132.2120, 13.4820,
-13.0620

■ 107.3260, 13.1610,
-12.7510

■ 83.1410, 12.2440,
-12.6520

■ 59.3690, 11.6020,

-12.0300

■ 36.8420, 11.6480,
-12.8640

■ 18.2850, 3.2110,
-8.6370

■ 241.9410, 15.6830,
-14.4050

■ 241.9410, 15.6830,
-14.4050

■ 238.5040, 23.9830,
-21.6570

■ 245.3780, 7.3830,
-7.1530

■ 235.6540, 32.0080,
-29.4320

■ 248.2280, -0.6420,
0.6220

■ 232.3310, 39.9870,
-36.3730

■ 249.3850, -2.5220,
1.6540

■ 229.4810, 48.0120,
-44.1480

■ 249.9720, -2.7970,
1.1310

■ 226.0440, 56.3120,
-51.4000

■ 250.5590, -3.0720,
0.6080

■ 223.1940, 64.3370,
-59.1750

■ 251.1460, -3.3470,
0.0850

■ 219.7570, 72.6370,
-66.4270

■ 217.0210, 80.3410,
-73.8910

■ 216.7930, 80.9830,
-74.5130

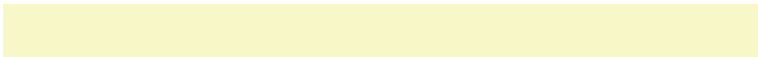
Harmonies

Analogous

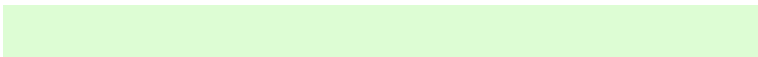
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.3380, 22.0550, -8.7370



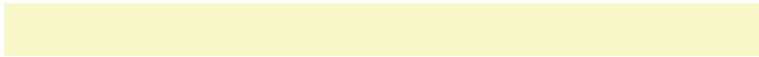
241.9410, 15.6830, -14.4050



238.7580, -5.9110, -19.5350

Triad

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



241.9410, 15.6830, -14.4050



234.3690, -41.1240, -14.6280



239.7380, 7.1500, 13.5980

Complementary

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



241.9410, 15.6830, -14.4050



206.0590, -15.6830, 14.4050

Split Complementary

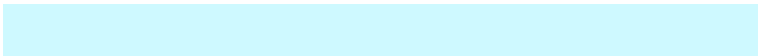
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.6730, 5.7750, 10.9830



241.9410, 15.6830, -14.4050



236.8270, -27.5540, -7.2500

Square

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



241.9410, 15.6830, -14.4050



233.4720, -42.9120, -15.2640



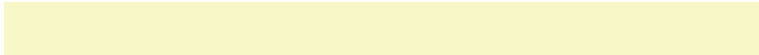
241.6880, -7.7490, 2.7710



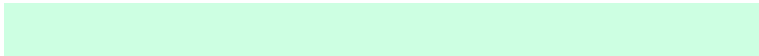
236.4150, 15.1290, 6.6570

Rectangle

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



241.9410, 15.6830, -14.4050



236.7440, -20.4910, -19.6190



241.6880, -7.7490, 2.7710



240.3250, 6.8750, 13.0750

Sweetspot

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



241.9410, 15.6830, -14.4050



253.2900, 4.8150, -4.6650



214.5800, 27.9660, 10.7980



126.3870, 3.1640, -2.2760



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

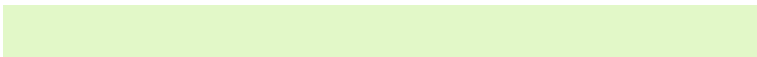
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.9410, 15.6830, -14.4050



247.6870, 19.2140, -17.8260



235.9500, 2.2960, -19.5920



123.5180, 4.1730, -4.0430



165.1060, 61.7690, -56.6870



53.4590, 19.8560, -18.4480

Inverse Universe

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



206.0590, -15.6830, 14.4050



203.9000, -19.4890, 17.3030



212.0500, -2.2960, 19.5920



114.0690, -4.4480, 3.5200



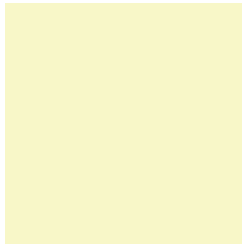
23.8940, -61.7690, 56.6870



7.5410, -19.8560, 18.4480

Previews

White Background



This preview shows how the YIQ color 241.9410, 15.6830, -14.4050 looks on a white background.

Color Contrast Check

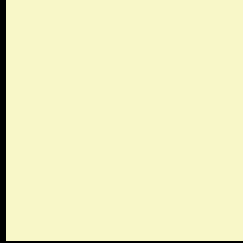
Large Text (above 18pt) WCAG AA × Fail

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 241.9410, 15.6830, -14.4050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

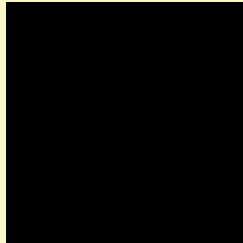
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 241.9410, 15.6830, -14.4050

Background



This preview shows how black text looks on a background with the YIQ color 241.9410, 15.6830, -14.4050.



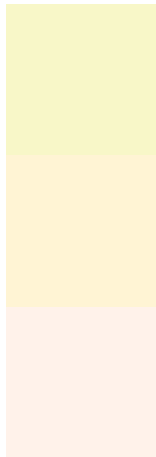
This preview shows how white text looks on a background with the YIQ color 241.9410, 15.6830,

-14.4050.

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

241.9410, 15.6830, -14.4050

Protanopia

243.6410, 16.8280, -7.6200

Deuteranopia

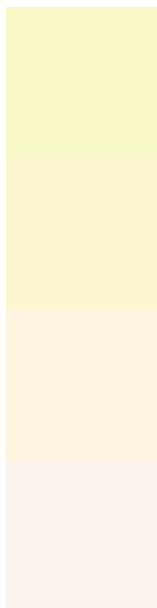
244.9750, 10.3160, 0.2680



Tritanopia

245.5970, 2.9330, 7.4210

Trichromacy



Original Color

241.9410, 15.6830, -14.4050

Protanomaly

242.8750, 16.0490, -10.0230

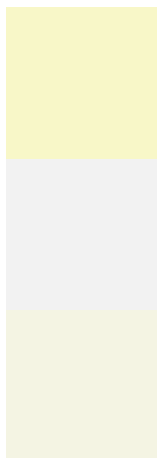
Deuteranomaly

243.8840, 11.8300, -5.1460

Tritanomaly

244.4800, 7.3360, -0.7920

Monochromacy



Original Color

241.9410, 15.6830, -14.4050

Achromatopsia

242.0000, -0.0000, 0.0000

Achromatomaly

242.0620, 5.4570, -5.2870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.9410, 15.6830, -14.4050 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, 247, 200)` looks like.

```
.text, #text, p{  
    color:rgb(248, 247, 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(248, 247, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 247, 200) }
```

Border

The CSS property to change the border of an element to YIQ 241.9410, 15.6830, -14.4050 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, 247, 200) }
```


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

```
.border{ border-color:rgb(248, 247, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 247, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 247, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 247, 200);  
box-shadow:4px 4px 4px 4px rgb(248, 247,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 241.9410, 15.6830, -14.4050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 247, 200) }
```

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

```
.background{ background-color: rgb(248,  
247, 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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