

# Converting Colors

YIQ(241.0030, 13.1130, -0.8630)

Have a look what the booklet for  
YIQ(241.0030, 13.1130, -0.8630)  
contains.

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# Color

**YIQ(241.0030, 13.1130,  
-0.8630)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDEEE1
RGB	253, 238, 225
RGB Percent	99%, 93%, 88%
CMY	0.0078, 0.0667, 0.1176
CMYK	0.00, 0.06, 0.11, 0.01
HSL	28°, 88%, 94%
HSV	28°, 11%, 99%
XYZ	84.6760, 87.4665, 83.6653
YIQ	241.0030, 13.1130, -0.8630

# Conversions

## Conversions Part 2

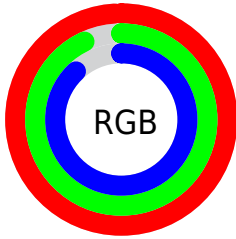
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	253, 249, 225
Decimal	16641761
CIE <sub>Lab</sub>	94.94, 2.94, 8.08
CIE <sub>LCh</sub>	95, 8.600, 70.025
Y <sub>xy</sub>	87.4665, 0.3310, 0.3419
Android (android.graphics.Color)	4294831841 (0xFFFFDEEE1)
YUV	241.0030, -7.8895, 10.5214
Hunter-Lab	93.5235, -2.0525, 12.4261

# Details

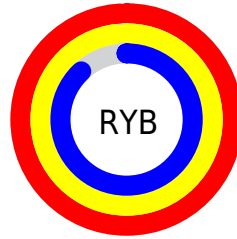
The YIQ color  $241.0030, 13.1130, -0.8630$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $236.9970, -13.1130, 0.8630$ , and the grayscale version is  $241.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $184.8180, 12.1960, -0.7640$  is the 20% darker color. If you saturate the color by 10%, you get  $229.9350, 24.9880, -1.3160$ , and if you desaturate by 10%, it is  $252.0710, 1.2380, -0.4100$ .

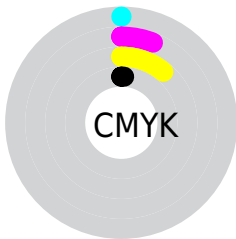
# Distribution



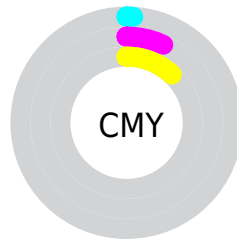
- Red (99%)
- Green (93%)
- Blue (88%)



- Red (99%)
- Yellow (98%)
- Blue (88%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (1%)




- Cyan (1%)
- Magenta (7%)
- Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 241.0030, 13.1130, -0.8630 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 241.0030, 13.1130, -0.8630 by changing the saturation by 10% instead.





 241.0030, 13.1130,  
-0.8630


 241.0030, 13.1130,  
-0.8630


255.0000, -0.0000,  
-0.0000


 212.7040, 12.5170,  
-1.0750

 184.8180, 12.1960,  
-0.7640

 157.8180, 12.1960,  
-0.7640

 131.6330, 11.2790,  
-0.6650

 106.6330, 11.2790,  
-0.6650

 82.3340, 10.6830,  
-0.8770

 59.1490, 9.7660,

-0.7780

■ 37.8500, 9.1700,  
-0.9900

■ 15.9920, 11.6460,  
-1.8100

■ 241.0030, 13.1130,  
-0.8630

■ 241.0030, 13.1130,  
-0.8630

■ 229.9350, 24.9880,  
-1.3160

■ 252.0710, 1.2380,  
-0.4100

■ 219.3400, 36.9090,  
-2.6030

■ 254.4020, -1.1920,  
-0.4240

■ 208.2720, 48.7840,  
-3.0560

■ 197.7910, 60.3840,  
-4.0320

■ 186.7230, 72.2590,  
-4.4850

■ 176.1280, 84.1800,  
-5.7720

■ 165.0600, 96.0550,  
-6.2250

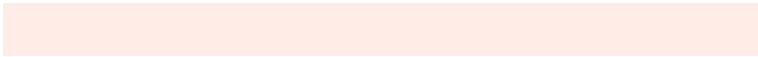
■ 153.9920,  
107.9300, -6.6780

■ 144.3260,  
118.6130, -7.5550

# Harmonies

## Analogous

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



240.9970, 13.2500, 2.1620



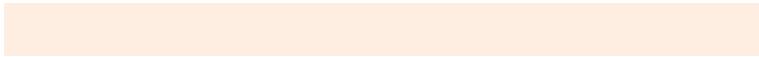
241.0030, 13.1130, -0.8630



240.2580, 7.8410, -4.4390

# Triad

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



241.0030, 13.1130, -0.8630



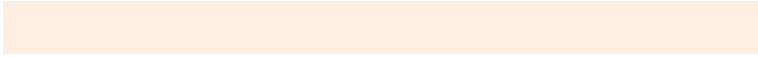
238.1830, -13.9370, -6.2330



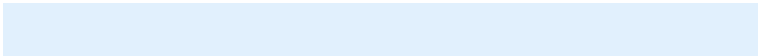
241.5150, 0.2280, 6.8840

# Complementary

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



241.0030, 13.1130, -0.8630



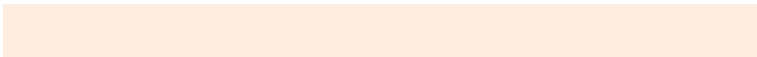
236.9970, -13.1130, 0.8630

# Split Complementary

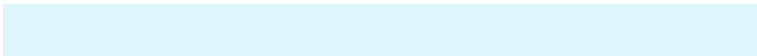
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.2150, -7.7950, 3.6050



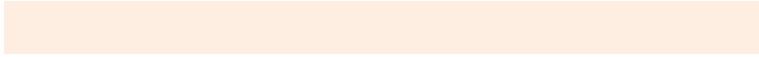
241.0030, 13.1130, -0.8630



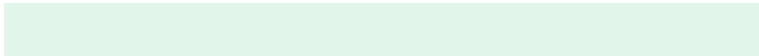
238.5080, -16.2300, -3.2220

# Square

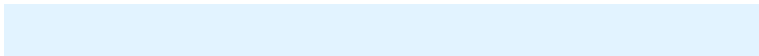
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.0030, 13.1130, -0.8630



238.0650, -7.7930, -7.4490



239.2850, -13.9840, 0.1280

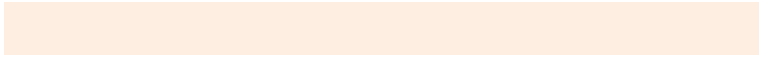


242.5220, 7.5180, 6.9260



# Rectangle

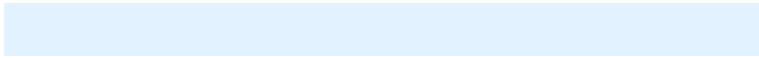
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.0030, 13.1130, -0.8630



238.9800, 2.7520, -5.8240



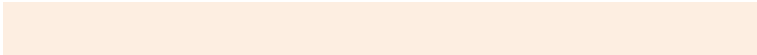
239.2850, -13.9840, 0.1280



241.1340, -3.0730, 6.1350

# Sweetspot

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



241.0030, 13.1130, -0.8630



251.7400, 3.6680, -0.3960



235.0820, 11.8730, 10.6010



125.5550, 2.7510, -0.2970



0.0000, 0.0000, 0.0000

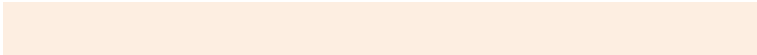


128.0000, -0.0000, -0.0000

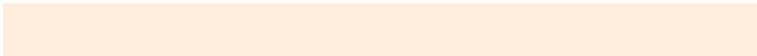


# Same Dimension

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



241.0030, 13.1130, -0.8630



240.6720, 15.5430, -0.8490



249.2210, 9.2630, -8.1850



122.4090, 6.0980, -0.3820



109.3520, 89.3610, -6.0550

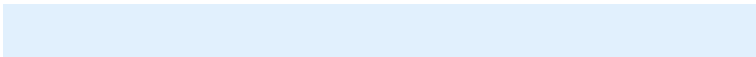


36.7460, 29.8940, -2.1220

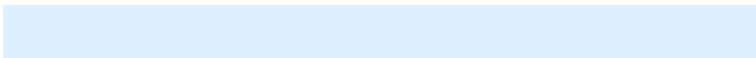


# Inverse Universe

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



236.9970, -13.1130, 0.8630



236.3280, -15.5430, 0.8490



228.7790, -9.2630, 8.1850



120.5910, -6.0980, 0.3820



82.2350, -89.6360, 5.5320

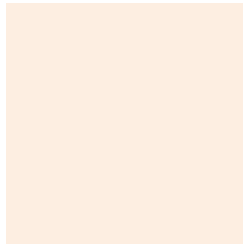


27.2540, -29.8940, 2.1220



# Previews

## White Background



This preview shows how the YIQ color 241.0030, 13.1130, -0.8630 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

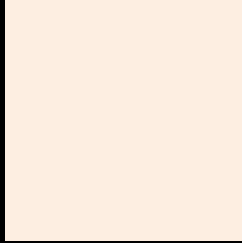
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 241.0030, 13.1130, -0.8630 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

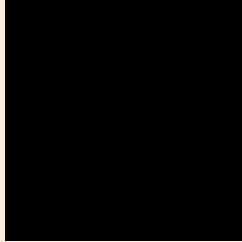
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 241.0030, 13.1130, -0.8630

## Background



This preview shows how black text looks on a background with the YIQ color 241.0030, 13.1130, -0.8630.



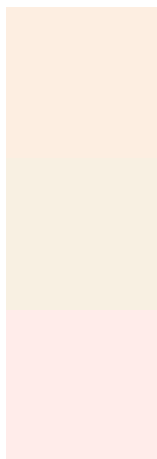
This preview shows how white text looks on a background with the YIQ color 241.0030, 13.1130,

-0.8630.

# 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

241.0030, 13.1130, -0.8630

### Protanopia

240.7960, 9.2620, -2.6580

### Deuteranopia

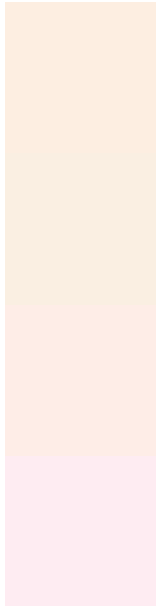
241.4530, 11.9660, 3.4060



## Tritanopia

242.8040, 6.7840, 9.2160

# Trichromacy



## Original Color

241.0030, 13.1130, -0.8630

## Protanomaly

240.8070, 10.7290, -1.7110

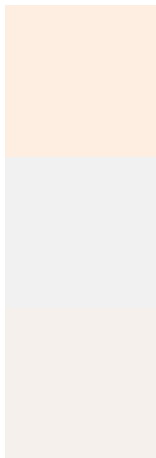
## Deuteranomaly

241.3990, 12.0580, 1.7380

## Tritanomaly

242.0660, 8.8020, 5.6820

# Monochromacy



## Original Color

241.0030, 13.1130, -0.8630

## Achromatopsia

241.0000, -0.0000, -0.0000

## Achromatomaly

240.9250, 4.5850, -0.4950

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 241.0030, 13.1130, -0.8630 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(253, 238, 225)` looks like.

```
.text, #text, p{  
    color:rgb(253, 238, 225)  
}
```

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(253, 238, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 238, 225) }
```

## Border

The CSS property to change the border of an element to YIQ 241.0030, 13.1130, -0.8630 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(253, 238, 225) }
```



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

```
.border{ border-color:rgb(253, 238, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 238, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 238, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 238, 225);  
box-shadow:4px 4px 4px 4px rgb(253, 238,  
225) }
```

# Background

The CSS property to change the background color of an element to YIQ 241.0030, 13.1130, -0.8630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 238, 225) }
```

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

```
.background{ background-color: rgb(253,  
238, 225) }
```

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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