

# Converting Colors

YIQ(226.4290, 37.7360,  
-12.0880)

Have a look what the booklet for  
YIQ(226.4290, 37.7360, -12.0880)  
contains.

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# Color

**YIQ(226.4290, 37.7360,  
-12.0880)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE0A4
RGB	255, 224, 164
RGB Percent	100%, 88%, 64%
CMY	0.0000, 0.1216, 0.3567
CMYK	0.00, 0.12, 0.36, 0.00
HSL	40°, 100%, 82%
HSV	40°, 36%, 100%
XYZ	74.5975, 77.2464, 46.1240
YIQ	226.4290, 37.7360, -12.0880

# Conversions

## Conversions Part 2

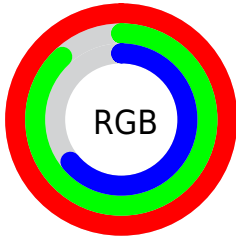
Format	Color
<a href="#">RYB</a>	<a href="#">211, 255, 164</a>
Decimal	<a href="#">16769188</a>
CIELab	<a href="#">90.43, 2.44, 33.30</a>
CIElCh	<a href="#">90, 33.392, 85.812</a>
Yxy	<a href="#">77.2464, 0.3768, 0.3902</a>
Android (android.graphics.Color)	<a href="#">4294959268 (0xFFFFE0A4)</a>
YUV	<a href="#">226.4290, -30.7775, 25.0568</a>
Hunter-Lab	<a href="#">87.8899, -2.3036, 30.4080</a>

# Details

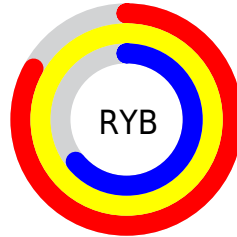
The YIQ color  $226.4290, 37.7360, -12.0880$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $192.5710, -37.7360, 12.0880$ , and the grayscale version is  $227.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $250.8960, 11.5560, -11.1960$ , and  $170.8740, 34.9850, -11.7910$  is the 20% darker color. If you saturate the color by 10%, you get  $218.2960, 48.2360, -15.1560$ , and if you desaturate by 10%, it is  $234.6760, 26.9150, -8.7090$ .

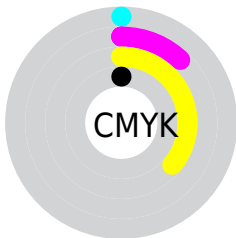
# Distribution



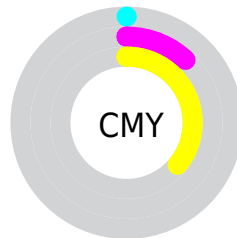
- Red (100%)
- Green (88%)
- Blue (64%)



- Red (83%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (12%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 226.4290, 37.7360, -12.0880 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 226.4290, 37.7360, -12.0880 by changing the saturation by 10% instead.





 226.4290, 37.7360,  
-12.0880


 226.4290, 37.7360,  
-12.0880


255.0000, -0.0000,  
-0.0000


 198.2440, 36.8190,  
-11.9890


 250.8960, 11.5560,  
-11.1960


 170.8740, 34.9850,  
-11.7910

 254.2020, 2.2470,  
-2.1770

 144.3900, 33.4720,  
-11.9040

 118.0200, 31.6380,  
-11.7060

 92.8350, 30.7210,  
-11.6070

 68.9380, 28.9330,  
-12.2430

 46.7250, 25.2190,

-11.0130

■ 26.9230, 16.0940,  
-5.3300

■ 2.6910, 5.3640,  
1.9080

■ 226.4290, 37.7360,  
-12.0880

■ 226.4290, 37.7360,  
-12.0880

■ 218.2960, 48.2360,  
-15.1560

■ 234.6760, 26.9150,  
-8.7090

■ 210.6360, 58.7820,  
-19.0580

■ 242.2220, 16.6900,  
-5.1180

■ 202.5030, 69.2820,  
-22.1260

■ 250.4690, 5.8690,  
-1.7390

■ 194.2560, 80.1030,  
-25.5050

■ 255.0000, -0.0000,  
-0.0000

■ 186.7100, 90.3280,  
-29.0960

■ 178.4630,  
101.1490, -32.4750

■ 174.8610,  
105.7800, -33.8040

# Harmonies

## Analogous

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



221.3400, 36.9090, -2.6030



226.4290, 37.7360, -12.0880



223.0020, 13.7130, -22.7590

# Triad

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



226.4290, 37.7360, -12.0880



211.9400, -70.8330, -21.3690



229.1720, 12.1000, 23.0120

# Complementary

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



226.4290, 37.7360, -12.0880



192.5710, -37.7360, 12.0880

# 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.



226.3710, -7.9340, 11.6340



226.4290, 37.7360, -12.0880



212.7070, -62.6270, -15.8990

# Square

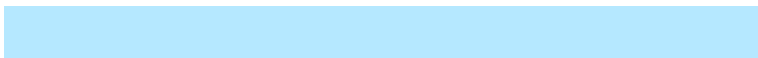
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.4290, 37.7360, -12.0880



214.2720, -48.6410, -27.0810



219.3730, -37.7790, -3.6590



223.1420, 20.8120, 19.3080

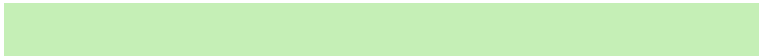


# Rectangle

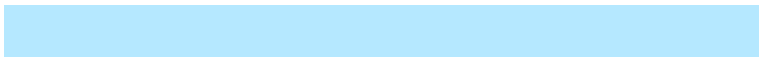
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.4290, 37.7360, -12.0880



219.9440, -6.7350, -26.6310



219.3730, -37.7790, -3.6590



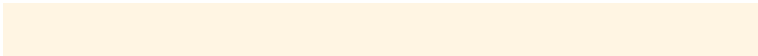
230.3350, 10.0830, 21.0190

# Sweetspot

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



226.4290, 37.7360, -12.0880



245.9380, 11.7380, -3.4780



194.8570, 43.9640, 29.2440



122.5400, 7.1070, -2.1490



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

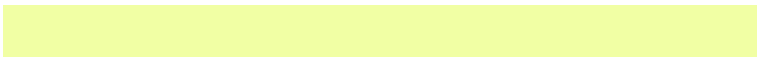
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.4290, 37.7360, -12.0880



220.7410, 45.4850, -14.8590



240.4400, 20.8670, -31.2690



123.5830, 5.5480, -1.4280



131.0710, 79.1860, -25.4060



43.7900, 26.5940, -8.3980



# Inverse Universe

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



192.5710, -37.7360, 12.0880



179.8460, -45.7600, 14.3360



178.5600, -20.8670, 31.2690



118.8300, -5.2730, 1.9510



59.9290, -79.1860, 25.4060



20.2100, -26.5940, 8.3980



# Previews

## White Background



This preview shows how the YIQ color 226.4290, 37.7360, -12.0880 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

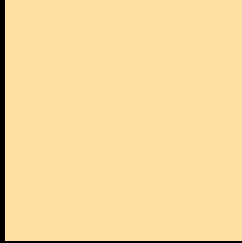
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 226.4290, 37.7360, -12.0880 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 226.4290, 37.7360, -12.0880

## Background



This preview shows how black text looks on a background with the YIQ color 226.4290, 37.7360, -12.0880.



This preview shows how white text looks on a background with the YIQ color 226.4290, 37.7360, -12.0880.

-12.0880.

# 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

226.4290, 37.7360, -12.0880

### Protanopia

226.0150, 30.0340, -15.6780

### Deuteranopia

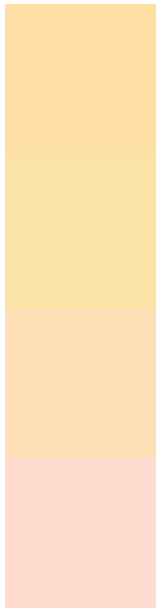
228.4470, 29.2980, -2.3340



## **Tritanopia**

230.5450, 17.8790, 11.8870

# Trichromacy



## Original Color

226.4290, 37.7360, -12.0880

## Protanomaly

226.5100, 33.0140, -14.6180

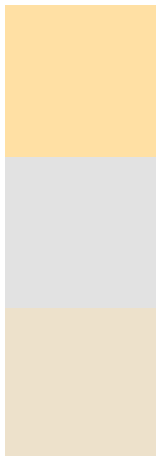
## Deuteranomaly

227.8940, 32.2330, -5.9670

## Tritanomaly

228.9830, 25.0330, 3.3770

# Monochromacy



## Original Color

226.4290, 37.7360, -12.0880

## Achromatopsia

226.0000, -0.0000, 0.0000

## Achromatomaly

226.0800, 14.2140, -4.2980

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 226.4290, 37.7360, -12.0880 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(255, 224, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 164)  
}
```

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(255, 224, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 164) }
```

## Border

The CSS property to change the border of an element to YIQ 226.4290, 37.7360, -12.0880 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(255, 224, 164) }
```



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

```
.border{ border-color:rgb(255, 224, 164) }
```

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

Here you see how a box with a 4 pixel rgb(255, 224, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
164) }
```

# Background

The CSS property to change the background color of an element to YIQ 226.4290, 37.7360, -12.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 164) }
```

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

```
.background{ background-color: rgb(255,  
224, 164) }
```

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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