

# Converting Colors

YIQ(224.1750, 41.2670,  
-15.5090)

Have a look what the booklet for  
YIQ(224.1750, 41.2670, -15.5090)  
contains.

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# Color

**YIQ(224.1750, 41.2670,  
-15.5090)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEDF98
RGB	254, 223, 152
RGB Percent	100%, 87%, 60%
CMY	0.0039, 0.1255, 0.4037
CMYK	0.00, 0.12, 0.40, 0.00
HSL	42°, 98%, 80%
HSV	42°, 40%, 100%
XYZ	72.9320, 76.1094, 40.5764
YIQ	224.1750, 41.2670, -15.5090

# Conversions

## Conversions Part 2

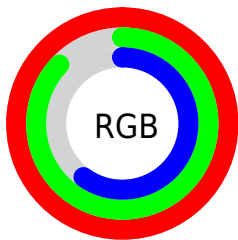
Format	Color
<a href="#">RYB</a>	<a href="#">197, 254, 152</a>
Decimal	<a href="#">16703384</a>
CIELab	<a href="#">89.91, 1.24, 38.68</a>
CIELCh	<a href="#">90, 38.699, 88.160</a>
Yxy	<a href="#">76.1094, 0.3846, 0.4014</a>
Android (android.graphics.Color)	<a href="#">4294893464 (0xFFFE98)</a>
YUV	<a href="#">224.1750, -35.5823, 26.1565</a>
Hunter-Lab	<a href="#">87.2407, -3.4476, 33.4922</a>

# Details

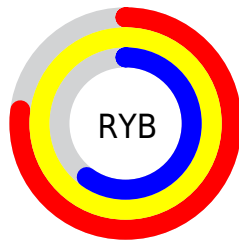
The YIQ color  $224.1750, 41.2670, -15.5090$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $181.8250, -41.2670, 15.5090$ , and the grayscale version is  $224.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.5280, 15.4080, -14.9280$ , and  $168.6200, 38.5160, -15.2120$  is the 20% darker color. If you saturate the color by 10%, you get  $216.6290, 51.4920, -19.1000$ , and if you desaturate by 10%, it is  $231.7210, 31.0420, -11.9180$ .

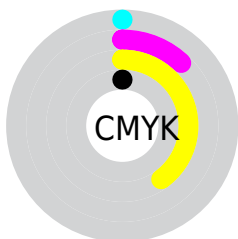
# Distribution



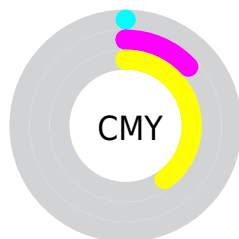
- Red (100%)
- Green (87%)
- Blue (60%)



- Red (77%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 224.1750, 41.2670, -15.5090 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 224.1750, 41.2670, -15.5090 by changing the saturation by 10% instead.



224.1750, 41.2670,  
-15.5090

224.1750, 41.2670,  
-15.5090

255.0000, -0.0000,  
-0.0000

196.1040, 40.0290,  
-15.0990

249.5280, 15.4080,  
-14.9280

168.6200, 38.5160,  
-15.2120

252.8340, 6.0990,  
-5.9090

142.1360, 37.0030,  
-15.3250

115.7660, 35.1690,  
-15.1270

90.8690, 33.3810,  
-15.7630

66.0430, 32.8310,  
-16.8090

45.5400, 24.3020,

-10.9140

■ 26.3250, 14.9020,  
-5.7540

■ 0.5980, 1.1920,  
0.4240

■ 224.1750, 41.2670,  
-15.5090

■ 224.1750, 41.2670,  
-15.5090

■ 216.6290, 51.4920,  
-19.1000

■ 231.7210, 31.0420,  
-11.9180

■ 209.5560, 61.7630,  
-23.5250

■ 238.7940, 20.7710,  
-7.4930

■ 202.0100, 71.9880,  
-27.1160

■ 246.3400, 10.5460,  
-3.9020

■ 194.3500, 82.5340,  
-31.0180

■ 254.0000, -0.0000,  
-0.0000

■ 186.8040, 92.7590, 254.7010, -0.5960,  
-34.6090 -0.2120

■ 179.8450,  
102.7090, -38.7230

# Harmonies

## Analogous

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



218.2110, 41.5860, -4.7660



224.1750, 41.2670, -15.5090



219.8830, 12.4300, -27.0420

# Triad

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



224.1750, 41.2670, -15.5090



204.2690, -88.1170, -27.5170



225.6500, 13.7500, 26.1500

# Complementary

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



224.1750, 41.2670, -15.5090



181.8250, -41.2670, 15.5090

# 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.



224.6210, -5.6420, 14.1500



224.1750, 41.2670, -15.5090



206.4280, -75.1430, -20.3510

# Square

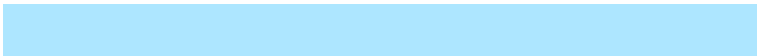
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.1750, 41.2670, -15.5090



208.5800, -61.4320, -32.0560



215.8070, -41.9970, -4.3090



219.2780, 23.4250, 21.5130

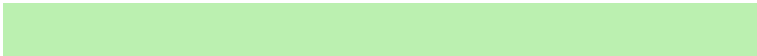


# Rectangle

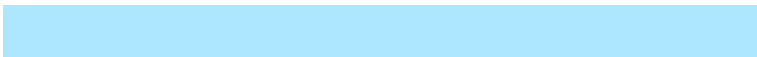
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.1750, 41.2670, -15.5090



216.8570, -11.0440, -31.1400



215.8070, -41.9970, -4.3090



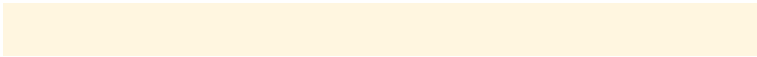
227.9980, 12.6500, 24.0580

# Sweetspot

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



224.1750, 41.2670, -15.5090



246.1830, 12.4260, -4.9340



186.1460, 50.5200, 31.5760



122.4260, 7.4280, -2.4600



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.



224.1750, 41.2670, -15.5090



219.3730, 49.3370, -18.5910



236.6910, 21.4180, -35.7500



124.1700, 5.2730, -1.9510



135.1800, 77.2610, -29.0670



44.9640, 26.0440, -9.4440



# Inverse Universe

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



181.8250, -41.2670, 15.5090



168.6270, -49.3370, 18.5910



169.3090, -21.4180, 35.7500



118.8300, -5.2730, 1.9510



55.8200, -77.2610, 29.0670



18.4490, -25.7690, 9.9670



# Previews

## White Background



This preview shows how the YIQ color 224.1750, 41.2670, -15.5090 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 224.1750, 41.2670, -15.5090 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 224.1750, 41.2670, -15.5090

## Background



This preview shows how black text looks on a background with the YIQ color 224.1750, 41.2670, -15.5090.



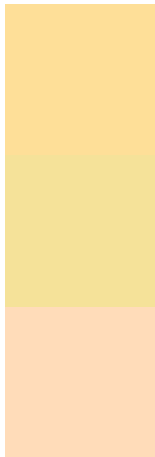
This preview shows how white text looks on a background with the YIQ color 224.1750, 41.2670, -15.5090.

-15.5090.

# 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

224.1750, 41.2670, -15.5090

### Protanopia

223.3590, 34.7570, -18.6750

### Deuteranopia

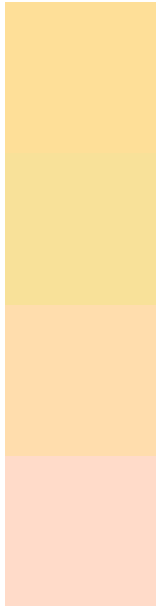
226.4750, 32.0950, -3.4650



## Tritanopia

229.1430, 19.0710, 12.3110

# Trichromacy



## Original Color

224.1750, 41.2670, -15.5090

## Protanomaly

223.6690, 36.8200, -17.5160

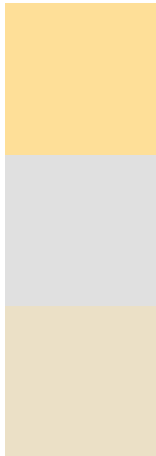
## Deuteranomaly

225.6940, 35.6720, -7.7200

## Tritanomaly

227.7120, 27.2340, 2.0340

# Monochromacy



## Original Color

224.1750, 41.2670, -15.5090

## Achromatopsia

224.0000, -0.0000, 0.0000

## Achromatomaly

224.3250, 14.9020, -5.7540

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 224.1750, 41.2670, -15.5090 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(254, 223, 152)` looks like.

```
.text, #text, p{  
    color:rgb(254, 223, 152)  
}
```

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(254, 223, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 223, 152) }
```

## Border

The CSS property to change the border of an element to YIQ 224.1750, 41.2670, -15.5090 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(254, 223, 152) }
```



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

```
.border{ border-color:rgb(254, 223, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 223, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 223, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 223, 152);  
box-shadow:4px 4px 4px 4px rgb(254, 223,  
152) }
```

# Background

The CSS property to change the background color of an element to YIQ 224.1750, 41.2670, -15.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 223, 152) }
```

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

```
.background{ background-color: rgb(254,  
223, 152) }
```

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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