

# Converting Colors

YIQ(244.1000, 19.4890,  
-17.3030)

Have a look what the booklet for  
YIQ(244.1000, 19.4890, -17.3030)  
contains.

<b>YIQ(244.1000, 19.4890, -17.3030)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(244.1000, 19.4890,  
-17.3030)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCFAC1
RGB	252, 250, 193
RGB Percent	99%, 98%, 76%
CMY	0.0118, 0.0196, 0.2430
CMYK	0.00, 0.01, 0.23, 0.01
HSL	58°, 91%, 87%
HSV	58°, 23%, 99%
XYZ	83.9564, 92.9162, 63.9798
YIQ	244.1000, 19.4890, -17.3030

# Conversions

## Conversions Part 2

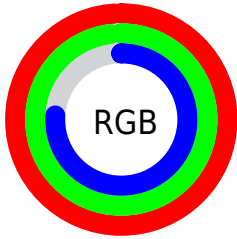
Format	Color
<a href="#">RYB</a>	<a href="#">195, 252, 193</a>
Decimal	<a href="#">16579265</a>
CIELab	<a href="#">97.19, -8.16, 27.64</a>
CIELCh	<a href="#">97, 28.824, 106.446</a>
Yxy	<a href="#">92.9162, 0.3486, 0.3858</a>
Android (android.graphics.Color)	<a href="#">4294769345 (0xFFFCFAC1)</a>
YUV	<a href="#">244.1000, -25.1923, 6.9283</a>
Hunter-Lab	<a href="#">96.3931, -13.2179, 28.1220</a>

# Details

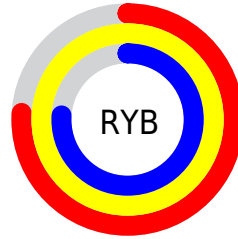
The YIQ color  $244.1000, 19.4890, -17.3030$  is a light color, and the websafe version is hex  $FFFFCC$ . A complement of this color would be  $200.9000, -19.4890, 17.3030$ , and the grayscale version is  $244.0000, 0.0000, -0.0000$ .

A 20% lighter version of the original color is  $254.4300, 1.6050, -1.5550$ , and  $188.0290, 18.2510, -16.8930$  is the 20% darker color. If you saturate the color by 10%, you get  $240.6630, 27.7890, -24.5550$ , and if you desaturate by 10%, it is  $247.5370, 11.1890, -10.0510$ .

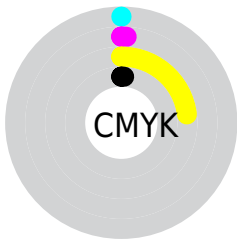
# Distribution



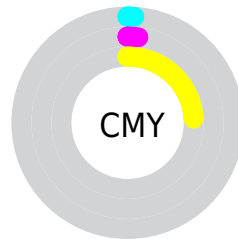
- Red (99%)
- Green (98%)
- Blue (76%)



- Red (76%)
- Yellow (99%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (23%)
- Black (1%)



- Cyan (1%)
- Magenta (2%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 244.1000, 19.4890, -17.3030 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 244.1000, 19.4890, -17.3030 by changing the saturation by 10% instead.



244.1000, 19.4890,  
-17.3030

244.1000, 19.4890,  
-17.3030

255.0000, -0.0000,  
-0.0000

215.3280, 18.8470,  
-16.6810

254.4300, 1.6050,  
-1.5550

188.0290, 18.2510,  
-16.8930

160.2570, 17.6090,  
-16.2710

134.1860, 16.3710,  
-15.8610

109.0010, 15.4540,  
-15.7620

84.2290, 14.8120,  
-15.1400

60.9300, 14.2160,

-15.3520

■ 39.2720, 13.2530,  
-14.4190

■ 20.0570, 3.8530,  
-9.2590

■ 244.1000, 19.4890,  
-17.3030

■ 244.1000, 19.4890,  
-17.3030

■ 240.6630, 27.7890,  
-24.5550

■ 247.5370, 11.1890,  
-10.0510

■ 237.2260, 36.0890,  
-31.8070

■ 250.9740, 2.8890,  
-2.7990

■ 233.6750, 44.7100,  
-39.3700

■ 252.9290, -1.2380,  
0.4100

■ 230.8250, 52.7350,  
-47.1450

■ 253.5160, -1.5130,  
-0.1130

■ 227.3880, 61.0350, 254.1030, -1.7880,  
-54.3970 -0.6360

■ 223.9510, 69.3350,  
-61.6490

■ 220.5140, 77.6350,  
-68.9010

■ 217.9890, 83.3670,  
-73.6650

# Harmonies

## Analogous

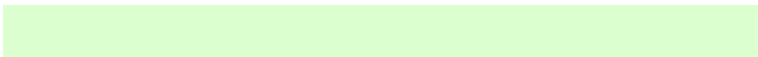
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.7140, 23.7520, -11.9600



244.1000, 19.4890, -17.3030



239.1770, -5.7730, -22.0370

# Triad

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



244.1000, 19.4890, -17.3030



230.1830, -49.4680, -17.5960



239.1510, 7.4250, 14.1210

# Complementary

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



244.1000, 19.4890, -17.3030



200.9000, -19.4890, 17.3030

# 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.



243.2600, 5.5000, 10.4600



244.1000, 19.4890, -17.3030



236.7830, -33.4220, -11.0380

# Square

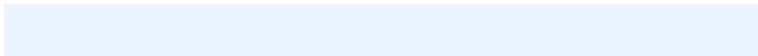
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244.1000, 19.4890, -17.3030



229.5850, -50.6600, -18.0200



242.5630, -8.8950, 1.5130



235.9420, 15.0830, 7.4910

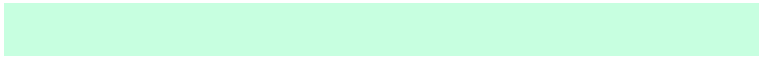


# Rectangle

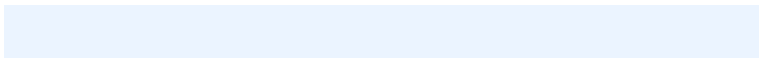
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244.1000, 19.4890, -17.3030



234.7220, -23.4250, -21.5130



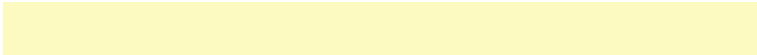
242.5630, -8.8950, 1.5130



240.3250, 6.8750, 13.0750

# Sweetspot

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



244.1000, 19.4890, -17.3030



252.3610, 6.0530, -5.0750



210.9830, 34.2010, 13.4410



126.1590, 3.8060, -2.8980



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

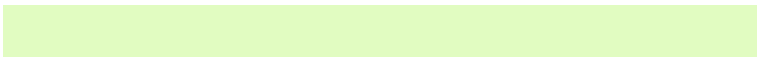
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.1000, 19.4890, -17.3030



245.7320, 23.3410, -21.0350



237.2010, 2.8470, -24.0730



123.5180, 4.1730, -4.0430



163.3450, 62.5940, -55.1180



52.8720, 20.1310, -17.9250



# Inverse Universe

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



200.9000, -19.4890, 17.3030



193.2680, -23.3410, 21.0350



207.7990, -2.8470, 24.0730



114.0690, -4.4480, 3.5200



25.0680, -62.3190, 55.6410

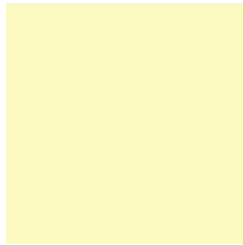


8.1280, -20.1310, 17.9250



# Previews

## White Background



This preview shows how the YIQ color 244.1000, 19.4890, -17.3030 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

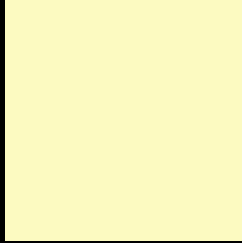
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 244.1000, 19.4890, -17.3030 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

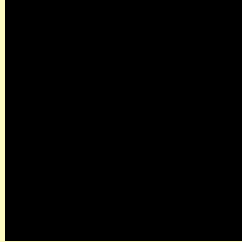
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 244.1000, 19.4890, -17.3030

## Background



This preview shows how black text looks on a background with the YIQ color 244.1000, 19.4890, -17.3030.



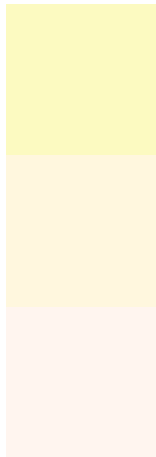
This preview shows how white text looks on a background with the YIQ color 244.1000, 19.4890,

-17.3030.

# 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

244.1000, 19.4890, -17.3030

### Protanopia

246.5420, 12.7930, -6.0790

### Deuteranopia

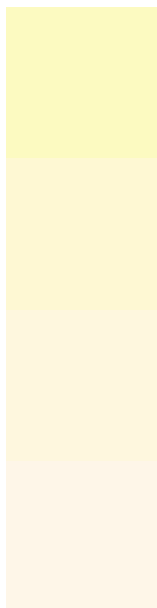
247.3060, 7.8860, 0.2540



## Tritanopia

247.9560, 3.3000, 6.2760

# Trichromacy



## Original Color

244.1000, 19.4890, -17.3030

## Protanomaly

245.5760, 15.4530, -10.2350

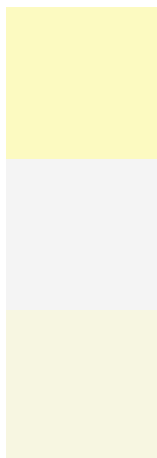
## Deuteranomaly

246.2430, 12.1970, -6.2910

## Tritanomaly

246.7960, 9.2620, -2.6580

# Monochromacy



## Original Color

244.1000, 19.4890, -17.3030

## Achromatopsia

244.0000, 0.0000, -0.0000

## Achromatomaly

243.9050, 7.3370, -6.3190

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 244.1000, 19.4890, -17.3030 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(252, 250, 193)` looks like.

```
.text, #text, p{  
    color:rgb(252, 250, 193)  
}
```

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(252, 250, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 250, 193) }
```

## Border

The CSS property to change the border of an element to YIQ 244.1000, 19.4890, -17.3030 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(252, 250, 193) }
```



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

```
.border{ border-color:rgb(252, 250, 193) }
```

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

Here you see how a box with a 4 pixel rgb(252, 250, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 250, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 250, 193);  
box-shadow:4px 4px 4px 4px rgb(252, 250,  
193) }
```

# Background

The CSS property to change the background color of an element to YIQ 244.1000, 19.4890, -17.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 250, 193) }
```

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

```
.background{ background-color: rgb(252,  
250, 193) }
```

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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