

# Converting Colors

YIQ(189.2270, 53.8250, 10.2170)

Have a look what the booklet for  
YIQ(189.2270, 53.8250, 10.2170)  
contains.

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# Color

**YIQ(189.2270, 53.8250,  
10.2170)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F7A893
RGB	247, 168, 147
RGB Percent	97%, 66%, 58%
CMY	0.0312, 0.3413, 0.4233
CMYK	0.00, 0.32, 0.40, 0.03
HSL	13°, 86%, 77%
HSV	13°, 40%, 97%
XYZ	57.6411, 49.8837, 34.2184
YIQ	189.2270, 53.8250, 10.2170

# Conversions

## Conversions Part 2

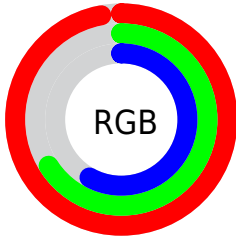
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 174, 147
Decimal	16230547
CIE Lab	76.00, 26.68, 22.64
CIE LCh	76, 34.991, 40.319
Yxy	49.8837, 0.4067, 0.3519
Android (android.graphics.Color)	4294420627 (0xFFFF7A893)
YUV	189.2270, -20.8179, 50.6669
Hunter-Lab	70.6284, 22.0773, 20.7147

# Details

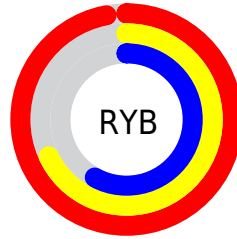
The YIQ color **189.2270, 53.8250, 10.2170** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **204.7730, -53.8250, -10.2170**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.6470, 25.8590, -0.5810**, and **134.6610, 49.6070, 9.5670** is the 20% darker color. If you saturate the color by 10%, you get **174.6370, 67.3500, 12.9020**, and if you desaturate by 10%, it is **203.8170, 40.3000, 7.5320**.

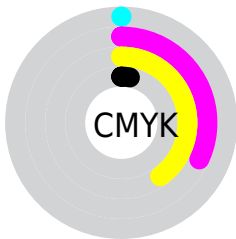
# Distribution



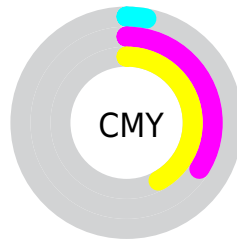
- Red (97%)
- Green (66%)
- Blue (58%)



- Red (97%)
- Yellow (68%)
- Blue (58%)



- Cyan (0%)
- Magenta (32%)
- Yellow (40%)
- Black (3%)




- Cyan (3%)
- Magenta (34%)
- Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 189.2270, 53.8250, 10.2170 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 189.2270, 53.8250, 10.2170 by changing the saturation by 10% instead.





 189.2270, 53.8250,  
10.2170


 189.2270, 53.8250,  
10.2170


255.0000, -0.0000,  
-0.0000


 161.4440, 51.7160,  
9.8920


 230.6470, 25.8590,  
-0.5810


 134.6610, 49.6070,  
9.5670

 250.2750, 9.1710,  
-6.5170

 108.8780, 47.4980,  
9.2420

 83.9100, 44.4720,  
9.0160

 59.5290, 41.1710,  
8.2670

 34.9310, 39.9790,  
7.8430

 15.5480, 30.9920,

11.0240

■ 6.2790, 12.5160,  
4.4520

■ 0.0000, 0.0000,  
0.0000

■ 189.2270, 53.8250,  
10.2170

■ 189.2270, 53.8250,  
10.2170

■ 174.6370, 67.3500,  
12.9020

■ 203.8170, 40.3000,  
7.5320

■ 160.7480, 80.2790,  
15.3750

■ 217.7060, 27.3710,  
5.0590

■ 146.1580, 93.8040,  
18.0600

■ 232.2960, 13.8460,  
2.3740

■ 132.1550,  
107.0540, 20.2220

■ 246.2990, 0.5960,  
0.2120

■ 117.6790,  
120.2580, 23.2180

■ 252.6080, -4.7680,  
-1.6960

■ 104.3770,  
132.9120, 25.1680

# Harmonies

## Analogous

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



190.9080, 47.9540, 23.0100



189.2270, 53.8250, 10.2170



187.1360, 46.1710, -5.2610

# Triad

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



189.2270, 53.8250, 10.2170



175.0470, -34.8860, -28.5660



186.5220, -36.0400, 14.3920

# Complementary

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



189.2270, 53.8250, 10.2170



204.7730, -53.8250, -10.2170

# 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.



176.9860, -67.3060, -2.6820



189.2270, 53.8250, 10.2170



169.5180, -66.8890, -26.7690

# Square

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



189.2270, 53.8250, 10.2170



180.5810, -1.2790, -26.3910



168.4750, -82.5250, -18.7250



191.3370, -1.4260, 25.8540



# Rectangle

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



189.2270, 53.8250, 10.2170



185.1080, 34.2060, -14.1940



168.4750, -82.5250, -18.7250



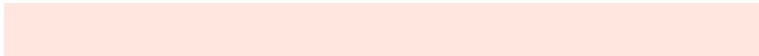
183.2000, -46.9970, 9.2190

# Sweetspot

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



189.2270, 53.8250, 10.2170



237.3780, 16.5510, 2.9110



186.0200, 33.9200, 46.0800



117.1430, 9.9030, 2.2470



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.



189.2270, 53.8250, 10.2170



182.6370, 67.3500, 12.9020



217.9900, 40.3500, -15.4100



115.3490, 6.3270, 0.9750



78.5070, 100.1310, 19.0350



24.6850, 31.8640, 6.2320

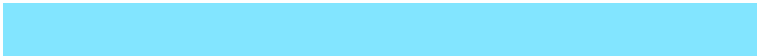


# Inverse Universe

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



204.7730, -53.8250, -10.2170



202.3630, -67.3500, -12.9020



176.0100, -40.3500, 15.4100



117.2380, -6.6020, -1.4980



107.4930, -100.1310, -19.0350



33.7280, -31.5890, -5.7090



# Previews

## White Background



This preview shows how the YIQ color 189.2270, 53.8250, 10.2170 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

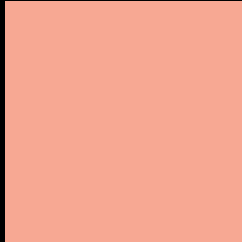
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 189.2270, 53.8250, 10.2170 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

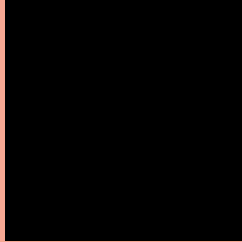
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 189.2270, 53.8250, 10.2170

## Background



This preview shows how black text looks on a background with the YIQ color 189.2270, 53.8250, 10.2170.



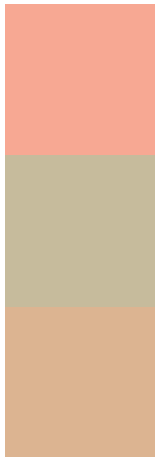
This preview shows how white text looks on a background with the YIQ color 189.2270, 53.8250,



# 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

189.2270, 53.8250, 10.2170

### Protanopia

186.7550, 16.5070, -7.3090

### Deuteranopia

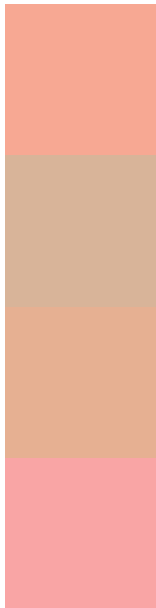
187.9700, 35.0750, -2.4050



## Tritanopia

191.0820, 47.4040, 21.9640

# Trichromacy



## Original Color

189.2270, 53.8250, 10.2170

## Protanomaly

187.6860, 30.1230, -0.7650

## Deuteranomaly

188.7260, 41.8140, 2.1180

## Tritanomaly

190.1160, 50.0640, 17.8080

# Monochromacy



## Original Color

189.2270, 53.8250, 10.2170

## Achromatopsia

189.0000, -0.0000, -0.0000

## Achromatomaly

188.8730, 19.5310, 3.9710

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 189.2270, 53.8250, 10.2170 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(247, 168, 147)` looks like.

```
.text, #text, p{  
    color:rgb(247, 168, 147)  
}
```

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(247, 168, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 168, 147) }
```

## Border

The CSS property to change the border of an element to YIQ 189.2270, 53.8250, 10.2170 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(247, 168, 147) }
```



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

```
.border{ border-color:rgb(247, 168, 147) }
```

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

Here you see how a box with a 4 pixel rgb(247, 168, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 168, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 168, 147);  
box-shadow:4px 4px 4px 4px rgb(247, 168,  
147) }
```

# Background

The CSS property to change the background color of an element to YIQ 189.2270, 53.8250, 10.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 168, 147) }
```

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

```
.background{ background-color: rgb(247,  
168, 147) }
```

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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