

# Converting Colors

YIQ(188.1940, 58.5920, 17.4400)

Have a look what the booklet for  
YIQ(188.1940, 58.5920, 17.4400)  
contains.

<b>YIQ(188.1940, 58.5920, 17.4400)</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(188.1940, 58.5920,  
17.4400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA199
RGB	255, 161, 153
RGB Percent	100%, 63%, 60%
CMY	0.0000, 0.3688, 0.3998
CMYK	0.00, 0.37, 0.40, 0.00
HSL	5°, 100%, 80%
HSV	5°, 40%, 100%
XYZ	59.7328, 49.0378, 36.4804
YIQ	188.1940, 58.5920, 17.4400

# Conversions

## Conversions Part 2

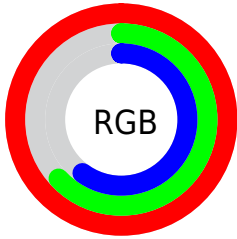
Format	Color
R <sub>Y</sub> B	255, 162, 153
Decimal	16753049
CIE Lab	75.47, 33.99, 18.81
CIE LCh	75, 38.848, 28.954
Yxy	49.0378, 0.4112, 0.3376
Android (android.graphics.Color)	4294943129 (0xFFFFA199)
YUV	188.1940, -17.3506, 58.5889
Hunter-Lab	70.0270, 29.7125, 18.1320

# Details

The YIQ color **188.1940, 58.5920, 17.4400** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **219.8060, -58.5920, -17.4400**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.2220, 25.8580, 4.9460**, and **133.6280, 54.3740, 16.7900** is the 20% darker color. If you saturate the color by 10%, you get **171.2560, 73.2170, 22.2170**, and if you desaturate by 10%, it is **204.6590, 43.9210, 13.4970**.

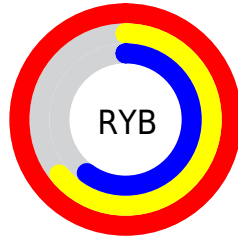
# Distribution



Red (100%)

Green (63%)

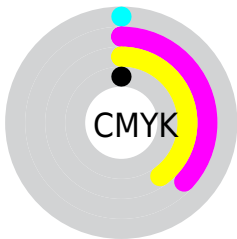
Blue (60%)



Red (100%)

Yellow (64%)

Blue (60%)

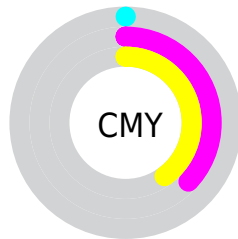


Cyan (0%)

Magenta (37%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (37%)


Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 188.1940, 58.5920, 17.4400 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 188.1940, 58.5920, 17.4400 by changing the saturation by 10% instead.





 188.1940, 58.5920,  
17.4400

 188.1940, 58.5920,  
17.4400

255.0000, -0.0000,  
-0.0000


 160.4110, 56.4830,  
17.1150


 227.2220, 25.8580,  
4.9460


 133.6280, 54.3740,  
16.7900

 246.9640, 8.8490,  
-0.6790

 107.5460, 51.6690,  
16.2530

 81.5780, 48.6430,  
16.0270

 56.7240, 45.2960,  
16.1120

 29.7070, 43.9660,  
18.1900

 17.0430, 33.9720,

12.0840

■ 8.4860, 16.3670,  
6.2470

■ 0.0000, 0.0000,  
0.0000

■ 188.1940, 58.5920,  
17.4400

■ 188.1940, 58.5920,  
17.4400

■ 171.2560, 73.2170,  
22.2170

■ 204.6590, 43.9210,  
13.4970

■ 154.7910, 87.8880,  
26.1600

■ 221.5970, 29.2960,  
8.7200

■ 137.8530,  
102.5130, 30.9370

■ 238.6490, 14.3500,  
4.2540

■ 121.3880,  
117.1840, 34.8800

■ 255.0000, -0.0000,  
-0.0000

■ 104.4500,  
131.8090, 39.6570

■ 87.9850, 146.4800,  
43.6000

# Harmonies

## Analogous

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



189.9390, 46.6690, 29.7810



188.1940, 58.5920, 17.4400



186.5010, 55.5690, 0.6330

# Triad

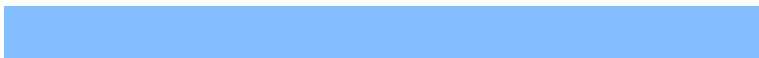
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



188.1940, 58.5920, 17.4400



174.6150, -24.9820, -31.8460



180.3670, -54.8370, 8.1310

# Complementary

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



188.1940, 58.5920, 17.4400



219.8060, -58.5920, -17.4400

# 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.



166.3850, -90.7790, -12.3070



188.1940, 58.5920, 17.4400



166.6120, -64.4580, -32.2820

# Square

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



188.1940, 58.5920, 17.4400



179.8120, 11.1920, -26.6320



157.8700, -100.1750, -29.2550



188.4970, -16.5560, 24.7240



# Rectangle

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



188.1940, 58.5920, 17.4400



184.6750, 45.8510, -10.4770



157.8700, -100.1750, -29.2550



175.8490, -68.1780, 2.1100

# Sweetspot

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



188.1940, 58.5920, 17.4400



235.0300, 17.6510, 5.0030



194.3280, 30.2970, 51.1690



115.9690, 10.4530, 3.2930



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.



188.1940, 58.5920, 17.4400



174.7610, 70.2370, 21.1570



217.5440, 44.8420, -8.7100



119.4740, 7.4730, 2.2330



65.9140, 109.7110, 32.6470



22.0710, 36.7690, 10.9530



# Inverse Universe

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



219.8060, -58.5920, -17.4400



213.2390, -70.2370, -21.1570



190.4560, -44.8420, 8.7100



123.5260, -7.4730, -2.2330



125.0860, -109.7110, -32.6470



41.9290, -36.7690, -10.9530



# Previews

## White Background



This preview shows how the YIQ color 188.1940, 58.5920, 17.4400 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

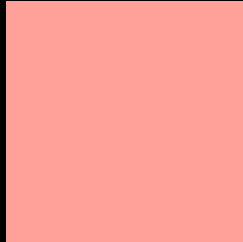
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 188.1940, 58.5920, 17.4400 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 188.1940, 58.5920, 17.4400

## Background



This preview shows how black text looks on a background with the YIQ color 188.1940, 58.5920, 17.4400.



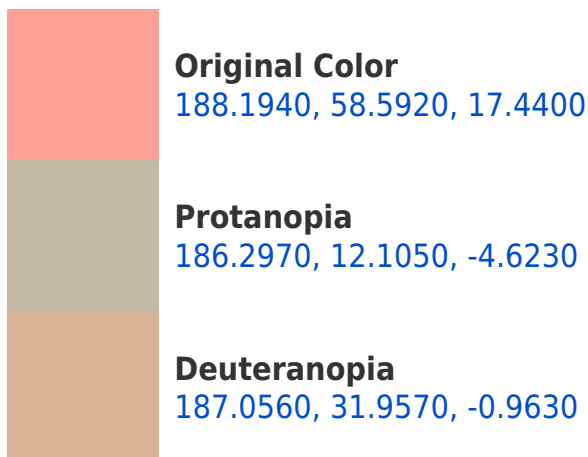
This preview shows how white text looks on a background with the YIQ color 188.1940, 58.5920,

17.4400.

# 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





## Tritanopia

189.0720, 53.3640, 24.0840

# Trichromacy



## Original Color

188.1940, 58.5920, 17.4400



## Protanomaly

187.1360, 28.9760, 3.5040



## Deuteranomaly

187.2470, 41.9050, 5.9770



## Tritanomaly

188.8610, 55.3360, 21.3840

# Monochromacy



## Original Color

188.1940, 58.5920, 17.4400



## Achromatopsia

188.0000, 0.0000, 0.0000



## Achromatomaly

187.8240, 21.2270, 6.2750

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 188.1940, 58.5920, 17.4400 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, 161, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 153)  
}
```

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, 161, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 153) }
```

## Border

The CSS property to change the border of an element to YIQ 188.1940, 58.5920, 17.4400 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, 161, 153) }
```



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

```
.border{ border-color:rgb(255, 161, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
153) }
```

# Background

The CSS property to change the background color of an element to YIQ 188.1940, 58.5920, 17.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 153) }
```

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

```
.background{ background-color: rgb(255,  
161, 153) }
```

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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