

# Converting Colors

YIQ(189.8300, 38.2850, -5.5150)

Have a look what the booklet for  
YIQ(189.8300, 38.2850, -5.5150)  
contains.

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# Color

**YIQ(189.8300, 38.2850,  
-5.5150)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFB78A
RGB	223, 183, 138
RGB Percent	87%, 72%, 54%
CMY	0.1254, 0.2824, 0.4586
CMYK	0.00, 0.18, 0.38, 0.13
HSL	32°, 57%, 71%
HSV	32°, 38%, 87%
XYZ	51.9576, 51.3870, 31.2431
YIQ	189.8300, 38.2850, -5.5150

# Conversions

## Conversions Part 2

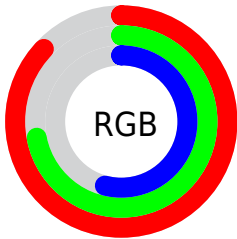
Format	Color
R <sub>Y</sub> B	214, 223, 138
Decimal	14661514
CIE Lab	76.91, 8.34, 28.28
CIE LCh	77, 29.484, 73.566
Yxy	51.3870, 0.3861, 0.3818
Android (android.graphics.Color)	4292851594 (0xFFDFB78A)
YUV	189.8300, -25.5522, 29.0901
Hunter-Lab	71.6848, 3.9297, 24.3384

# Details

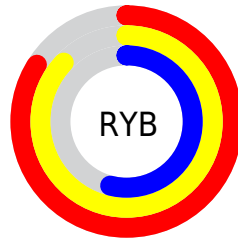
The YIQ color **189.8300, 38.2850, -5.5150** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **171.1700, -38.2850, 5.5150**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.4260, 24.6230, -11.2250**, and **135.9760, 34.9380, -5.4300** is the 20% darker color. If you saturate the color by 10%, you get **180.8650, 48.3720, -6.6040**, and if you desaturate by 10%, it is **198.2080, 28.4730, -3.9030**.

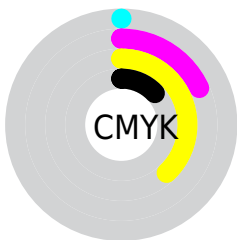
# Distribution



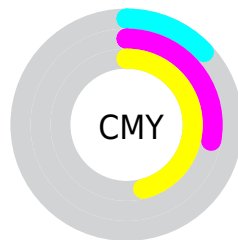
- Red (87%)
- Green (72%)
- Blue (54%)



- Red (84%)
- Yellow (87%)
- Blue (54%)



- Cyan (0%)
- Magenta (18%)
- Yellow (38%)
- Black (13%)



- Cyan (13%)
- Magenta (28%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 189.8300, 38.2850, -5.5150 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 189.8300, 38.2850, -5.5150 by changing the saturation by 10% instead.



189.8300, 38.2850,  
-5.5150

189.8300, 38.2850,  
-5.5150

255.0000, -0.0000,  
-0.0000

162.3460, 36.7720,  
-5.6280

238.4260, 24.6230,  
-11.2250

135.9760, 34.9380,  
-5.4300

251.0100, 11.2350,  
-10.8850

110.4920, 33.4250,  
-5.5430

254.2020, 2.2470,  
-2.1770

85.7090, 31.3160,  
-5.8680

61.9260, 29.2070,  
-6.1930

39.6700, 27.0520,  
-5.6840

20.4550, 17.6520,

-0.5240

■ 0.0000, 0.0000,  
0.0000

■ 189.8300, 38.2850,  
-5.5150

■ 189.8300, 38.2850,  
-5.5150

■ 180.8650, 48.3720,  
-6.6040

■ 198.2080, 28.4730,  
-3.9030

■ 172.3730, 58.5050,  
-8.5270

■ 207.2870, 18.0650,  
-2.5030

■ 163.4080, 68.5920,  
-9.6160

■ 216.2520, 7.9780,  
-1.4140

■ 155.0300, 78.4040,  
-11.2280

■ 224.6300, -1.8340,  
0.1980

■ 146.0650, 88.4910,  
-12.3170

■ 233.7090,  
-12.2420, 1.5980

■ 137.5730, 98.6240,  
-14.2400

■ 240.1490,  
-16.5970, -2.0770

■ 135.9430,  
100.4580, -14.4380

■ 245.4320,  
-19.0720, -6.7840

# Harmonies

## Analogous

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



191.9270, 45.8020, 6.9380



189.8300, 38.2850, -5.5150



187.2250, 20.6350, -16.0450

# Triad

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



189.8300, 38.2850, -5.5150



176.5520, -55.0610, -20.8610



193.7840, 1.5090, 22.2210

# Complementary

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



189.8300, 38.2850, -5.5150



171.1700, -38.2850, 5.5150

# 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.



189.7850, -26.5950, 13.9250



189.8300, 38.2850, -5.5150



177.6300, -63.7280, -12.4640

# Square

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



189.8300, 38.2850, -5.5150



179.9490, -31.4940, -23.9580



183.5920, -51.3970, 0.8510



194.7130, 26.6340, 23.9300



# Rectangle

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



189.8300, 38.2850, -5.5150



184.9780, 5.0930, -20.7230



183.5920, -51.3970, 0.8510



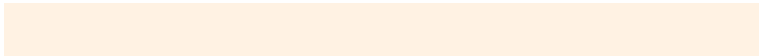
192.8260, -7.4770, 19.8750

# Sweetspot

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



189.8300, 38.2850, -5.5150



244.1770, 12.5630, -1.9090



168.0890, 37.4990, 30.7710



121.3660, 7.6570, -1.1030



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.



189.8300, 38.2850, -5.5150



209.3770, 52.6820, -7.6220



213.0110, 26.6890, -26.6470



107.8110, 4.9060, -0.8060



107.2150, 79.3210, -11.3270



29.6140, 21.4580, -3.4220



# Inverse Universe

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



171.1700, -38.2850, 5.5150



183.6230, -52.6820, 7.6220



147.9890, -26.6890, 26.6470



105.1890, -4.9060, 0.8060



68.7850, -79.3210, 11.3270



18.9730, -21.7330, 2.8990



# Previews

## White Background



This preview shows how the YIQ color 189.8300, 38.2850, -5.5150 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 189.8300, 38.2850, -5.5150 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

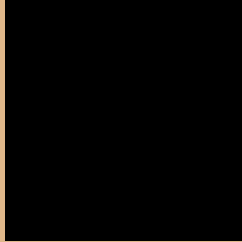
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 189.8300, 38.2850, -5.5150

## Background



This preview shows how black text looks on a background with the YIQ color 189.8300, 38.2850, -5.5150.



This preview shows how white text looks on a background with the YIQ color 189.8300, 38.2850,

-5.5150.

# 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

189.8300, 38.2850, -5.5150

### Protanopia

188.6000, 24.0730, -12.2710

### Deuteranopia

189.8410, 39.7520, -4.5680



## Tritanopia

193.1440, 26.4980, 15.3780

# Trichromacy



## Original Color

189.8300, 38.2850, -5.5150

## Protanomaly

188.8180, 29.3910, -9.5290

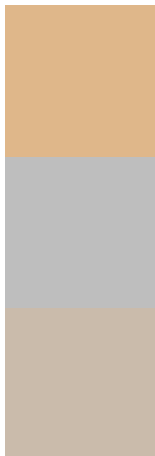
## Deuteranomaly

189.5420, 39.1560, -4.7800

## Tritanomaly

192.1410, 30.5800, 7.4760

# Monochromacy



## Original Color

189.8300, 38.2850, -5.5150

## Achromatopsia

190.0000, -0.0000, -0.0000

## Achromatomaly

189.6610, 14.0760, -1.7960

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 189.8300, 38.2850, -5.5150 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(223, 183, 138)` looks like.

```
.text, #text, p{  
    color:rgb(223, 183, 138)  
}
```

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(223, 183, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 183, 138) }
```

## Border

The CSS property to change the border of an element to YIQ 189.8300, 38.2850, -5.5150 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(223, 183, 138) }
```



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

```
.border{ border-color:rgb(223, 183, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 183, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 183, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 183, 138);  
box-shadow:4px 4px 4px 4px rgb(223, 183,  
138) }
```

# Background

The CSS property to change the background color of an element to YIQ 189.8300, 38.2850, -5.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 183, 138) }
```

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

```
.background{ background-color: rgb(223,  
183, 138) }
```

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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