

# Converting Colors

YIQ(187.5880, 42.6830, 13.9070)

Have a look what the booklet for  
YIQ(187.5880, 42.6830, 13.9070)  
contains.

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# Color

**YIQ(187.5880, 42.6830,  
13.9070)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EDA7A4
RGB	237, 167, 164
RGB Percent	93%, 65%, 64%
CMY	0.0704, 0.3452, 0.3567
CMYK	0.00, 0.30, 0.31, 0.07
HSL	2°, 67%, 79%
HSV	2°, 31%, 93%
XYZ	55.4572, 48.3203, 41.5465
YIQ	187.5880, 42.6830, 13.9070

# Conversions

## Conversions Part 2

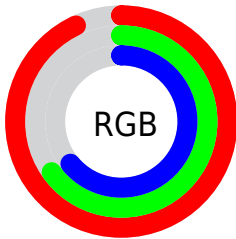
Format	Color
<a href="#">RYB</a>	<a href="#">237, 167, 164</a>
Decimal	<a href="#">15574948</a>
CIELab	<a href="#">75.03, 25.45, 11.88</a>
CIELCh	<a href="#">75, 28.088, 25.021</a>
Yxy	<a href="#">48.3203, 0.3816, 0.3325</a>
Android (android.graphics.Color)	<a href="#">4293765028</a> ( <a href="#">0xFFEDA7A4</a> )
YUV	<a href="#">187.5880, -11.6289, 43.3343</a>
Hunter-Lab	<a href="#">69.5128, 20.7595, 13.2224</a>

# Details

The YIQ color **187.5880, 42.6830, 13.9070** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **213.4120, -42.6830, -13.9070**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.1120, 20.3560, 5.5400**, and **133.5060, 39.9780, 13.3700** is the 20% darker color. If you saturate the color by 10%, you get **171.3510, 56.7120, 18.4720**, and if you desaturate by 10%, it is **203.8250, 28.6540, 9.3420**.

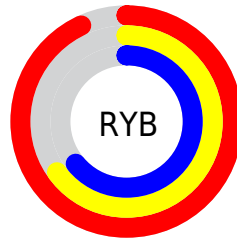
# Distribution



Red (93%)

Green (65%)

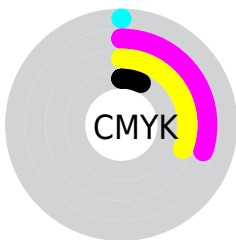
Blue (64%)



Red (93%)

Yellow (65%)

Blue (64%)

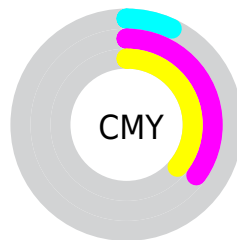


Cyan (0%)

Magenta (30%)

Yellow (31%)

Black (7%)



Cyan (7%)

Magenta (35%)


Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 187.5880, 42.6830, 13.9070 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 187.5880, 42.6830, 13.9070 by changing the saturation by 10% instead.




 187.5880, 42.6830,  
13.9070

 187.5880, 42.6830,  
13.9070

255.0000, -0.0000,  
-0.0000


 160.1040, 41.1700,  
13.7940


 231.5250, 20.6310,  
6.0630


 133.5060, 39.9780,  
13.3700

 251.7400, 3.6680,  
-0.3960

 107.7230, 37.8690,  
13.0450

 82.9400, 35.7600,  
12.7200

 58.8580, 33.0550,  
12.1830

 35.1890, 30.6250,  
12.1690

 14.3520, 28.6080,

10.1760

■ 2.9900, 5.9600,  
2.1200

■ 0.0000, 0.0000,  
0.0000

■ 187.5880, 42.6830,  
13.9070

■ 187.5880, 42.6830,  
13.9070

■ 171.3510, 56.7120,  
18.4720

■ 203.8250, 28.6540,  
9.3420

■ 155.2280, 70.4200,  
23.3480

■ 219.3610, 15.2210,  
4.9890

■ 139.5780, 84.1740,  
27.3900

■ 235.5980, 1.1920,  
0.4240

■ 123.3410, 98.2030,  
31.9550

■ 249.6180,  
-10.7280, -3.8160

■ 107.2180,  
111.9110, 36.8310

■ 90.9810, 125.9400,  
41.3960

■ 76.7330, 138.5020,  
45.0140

# Harmonies

## Analogous

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



188.7690, 32.2280, 21.6680



187.5880, 42.6830, 13.9070



186.0250, 42.4100, 2.3300

# Triad

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



187.5880, 42.6830, 13.9070



177.7570, -13.3380, -22.6020



180.9140, -40.4400, 6.0240

# Complementary

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



187.5880, 42.6830, 13.9070



213.4120, -42.6830, -13.9070

# 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.



174.9130, -57.0350, -7.1070



187.5880, 42.6830, 13.9070



173.9960, -38.8760, -22.3320

# Square

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



187.5880, 42.6830, 13.9070



181.2670, 11.6490, -18.3910



172.2900, -57.0790, -17.3270



186.7110, -14.5830, 16.4970



# Rectangle

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



187.5880, 42.6830, 13.9070



184.7480, 35.5800, -6.0520



172.2900, -57.0790, -17.3270



179.1580, -47.1790, 1.5010

# Sweetspot

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



187.5880, 42.6830, 13.9070



239.4640, 13.4330, 4.3530



193.9210, 20.7170, 37.5570



118.0720, 8.6650, 2.6570



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.



187.5880, 42.6830, 13.9070



190.8670, 55.1990, 18.3590



208.7200, 32.7830, -4.9210



109.2890, 6.5560, 2.3320



58.2280, 105.9510, 34.7110



17.3200, 31.6340, 10.4020



# Inverse Universe

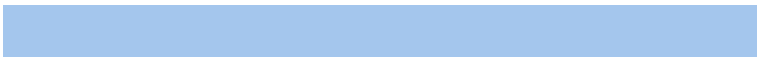
The Inverse Universe completely reimagines the original color for something new.



213.4120, -42.6830, -13.9070



224.5460, -54.9240, -17.8360



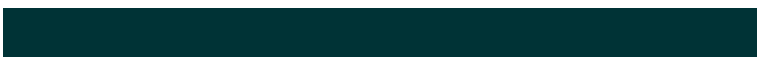
192.2800, -32.7830, 4.9210



113.7110, -6.5560, -2.3320



122.7720, -105.9510, -34.7110

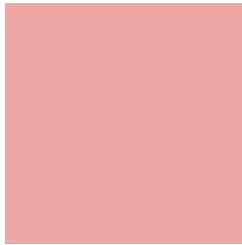


36.0930, -31.3590, -9.8790



# Previews

## White Background



This preview shows how the YIQ color 187.5880, 42.6830, 13.9070 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 187.5880, 42.6830, 13.9070 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

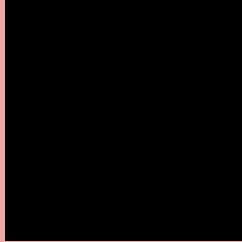
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 187.5880, 42.6830, 13.9070

## Background



This preview shows how black text looks on a background with the YIQ color 187.5880, 42.6830, 13.9070.



This preview shows how white text looks on a background with the YIQ color 187.5880, 42.6830,

13.9070.

# 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

187.5880, 42.6830, 13.9070

### Protanopia

184.8390, 7.7030, -1.9370

### Deuteranopia

186.0430, 24.8040, 2.0200



## Tritanopia

188.1950, 39.6560, 19.2080

# Trichromacy



## Original Color

187.5880, 42.6830, 13.9070

## Protanomaly

186.0580, 20.4480, 3.8720

## Deuteranomaly

186.5000, 30.9470, 6.3310

## Tritanomaly

188.2120, 40.9860, 17.1300

# Monochromacy



## Original Color

187.5880, 42.6830, 13.9070

## Achromatopsia

188.0000, 0.0000, 0.0000

## Achromatomaly

187.6600, 15.8170, 5.2010

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 187.5880, 42.6830, 13.9070 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(237, 167, 164)` looks like.

```
.text, #text, p{  
    color:rgb(237, 167, 164)  
}
```

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(237, 167, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 167, 164) }
```

## Border

The CSS property to change the border of an element to YIQ 187.5880, 42.6830, 13.9070 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(237, 167, 164) }
```



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

```
.border{ border-color:rgb(237, 167, 164) }
```

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

Here you see how a box with a 4 pixel rgb(237, 167, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 167, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 167, 164);  
box-shadow:4px 4px 4px 4px rgb(237, 167,  
164) }
```

# Background

The CSS property to change the background color of an element to YIQ 187.5880, 42.6830, 13.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 167, 164) }
```

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

```
.background{ background-color: rgb(237,  
167, 164) }
```

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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