

# Converting Colors

YIQ(181.9410, 43.1870, 15.7870)

Have a look what the booklet for  
YIQ(181.9410, 43.1870, 15.7870)  
contains.

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# Color

**YIQ(181.9410, 43.1870,  
15.7870)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9A0A1
RGB	233, 160, 161
RGB Percent	91%, 63%, 63%
CMY	0.0861, 0.3726, 0.3685
CMYK	0.00, 0.31, 0.31, 0.09
HSL	359°, 62%, 77%
HSV	359°, 31%, 91%
XYZ	52.6211, 45.0368, 39.6579
YIQ	181.9410, 43.1870, 15.7870

# Conversions

## Conversions Part 2

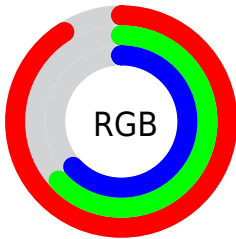
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 160, 161
Decimal	15311009
CIE Lab	72.92, 27.30, 10.47
CIE LCh	73, 29.241, 20.988
Yxy	45.0368, 0.3832, 0.3280
Android (android.graphics.Color)	4293501089 (0xFFE9A0A1)
YUV	181.9410, -10.3239, 44.7787
Hunter-Lab	67.1095, 22.5218, 11.9396

# Details

The YIQ color **181.9410, 43.1870, 15.7870** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **211.0590, -43.1870, -15.7870**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.0740, 23.5190, 8.7910**, and **128.5600, 39.8860, 15.0380** is the 20% darker color. If you saturate the color by 10%, you get **165.8180, 56.8950, 20.6630**, and if you desaturate by 10%, it is **198.0640, 29.4790, 10.9110**.

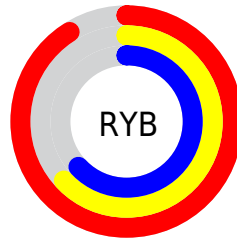
# Distribution



Red (91%)

Green (63%)

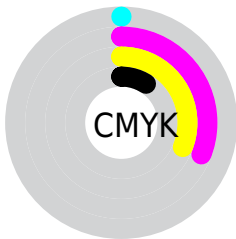
Blue (63%)



Red (91%)

Yellow (63%)

Blue (63%)

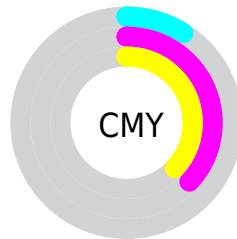


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (9%)



Cyan (9%)

Magenta (37%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 181.9410, 43.1870, 15.7870 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 181.9410, 43.1870, 15.7870 by changing the saturation by 10% instead.



181.9410, 43.1870,  
15.7870

181.9410, 43.1870,  
15.7870

255.0000, -0.0000,  
-0.0000

154.4570, 41.6740,  
15.6740

227.0740, 23.5190,  
8.7910

128.5600, 39.8860,  
15.0380

247.2890, 6.5560,  
2.3320

102.6630, 38.0980,  
14.4020

77.8800, 35.9890,  
14.0770

53.2110, 33.5590,  
14.0630

29.6560, 30.8080,  
14.3600

13.7540, 27.4160,

9.7520

■ 0.0000, 0.0000,  
0.0000

■ 181.9410, 43.1870,  
15.7870

■ 181.9410, 43.1870,  
15.7870

■ 165.8180, 56.8950,  
20.6630

■ 198.0640, 29.4790,  
10.9110

■ 149.1080, 70.8780,  
26.0620

■ 214.7740, 15.4960,  
5.5120

■ 132.9850, 84.5860,  
30.9380

■ 230.8970, 1.7880,  
0.6360

■ 116.8620, 98.2940,  
35.8140

■ 247.0200,  
-11.9200, -4.2400

■ 100.1520,  
112.2770, 41.2130

■ 248.4220,  
-13.1120, -4.6640

■ 84.0290, 125.9850,  
46.0890

■ 70.0090, 137.9050,  
50.3290

# Harmonies

## Analogous

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



183.2250, 30.9440, 22.9120



181.9410, 43.1870, 15.7870



180.4490, 44.1520, 3.8000

# Triad

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



181.9410, 43.1870, 15.7870



172.3120, -10.5870, -22.8990



174.1090, -45.4830, 3.8050

# Complementary

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



181.9410, 43.1870, 15.7870



211.0590, -43.1870, -15.7870

# 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.



167.4070, -61.4820, -9.1140



181.9410, 43.1870, 15.7870



167.9530, -37.3170, -23.0530

# Square

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



181.9410, 43.1870, 15.7870



175.6480, 14.9500, -17.6420



165.6380, -58.1790, -19.4190



180.2590, -19.1220, 16.1580



# Rectangle

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



181.9410, 43.1870, 15.7870



178.7700, 38.5140, -4.1580



165.6380, -58.1790, -19.4190



171.4670, -52.5430, -0.4070

# Sweetspot

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



181.9410, 43.1870, 15.7870



238.8770, 13.7080, 4.8760



189.8500, 19.4790, 37.9670



117.5990, 8.6190, 3.4910



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.



181.9410, 43.1870, 15.7870



187.2310, 57.1700, 21.1860



202.3720, 33.8830, -2.8290



109.2890, 6.5560, 2.3320



54.4610, 106.9130, 39.3050



16.2600, 31.8630, 11.7590



# Inverse Universe

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



181.9410, 43.1870, 15.7870



187.2310, 57.1700, 21.1860



190.6280, -33.8830, 2.8290



109.2890, 6.5560, 2.3320



54.4610, 106.9130, 39.3050

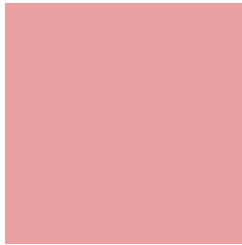


16.2600, 31.8630, 11.7590



# Previews

## White Background



This preview shows how the YIQ color 181.9410, 43.1870, 15.7870 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 181.9410, 43.1870, 15.7870 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 181.9410, 43.1870, 15.7870

## Background



This preview shows how black text looks on a background with the YIQ color 181.9410, 43.1870, 15.7870.



This preview shows how white text looks on a background with the YIQ color 181.9410, 43.1870, 15.7870.

15.7870.

# 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

181.9410, 43.1870, 15.7870

### Protanopia

179.5830, 5.5480, -1.4280

### Deuteranopia

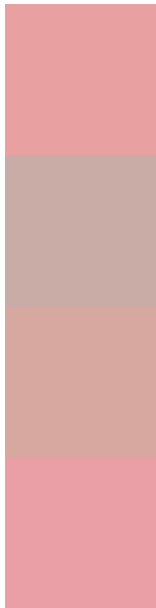
180.6730, 22.9700, 2.2180



## Tritanopia

182.2060, 41.1230, 20.1550

# Trichromacy



## Original Color

181.9410, 43.1870, 15.7870

## Protanomaly

180.4000, 19.4850, 4.8050

## Deuteranomaly

181.1410, 30.5800, 7.4760

## Tritanomaly

182.3370, 42.1320, 18.3880

# Monochromacy



## Original Color

181.9410, 43.1870, 15.7870

## Achromatopsia

182.0000, -0.0000, -0.0000

## Achromatomaly

182.0730, 16.0920, 5.7240

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 181.9410, 43.1870, 15.7870 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(233, 160, 161)` looks like.

```
.text, #text, p{  
    color:rgb(233, 160, 161)  
}
```

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(233, 160, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 160, 161) }
```

## Border

The CSS property to change the border of an element to YIQ 181.9410, 43.1870, 15.7870 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(233, 160, 161) }
```



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

```
.border{ border-color:rgb(233, 160, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 160, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 160, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 160, 161);  
box-shadow:4px 4px 4px 4px rgb(233, 160,  
161) }
```

# Background

The CSS property to change the background color of an element to YIQ 181.9410, 43.1870, 15.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 160, 161) }
```

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

```
.background{ background-color: rgb(233,  
160, 161) }
```

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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