

# Converting Colors

YIQ(184.5510, 44.1050, 10.1610)

Have a look what the booklet for  
YIQ(184.5510, 44.1050, 10.1610)  
contains.

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# Color

**YIQ(184.5510, 44.1050,  
10.1610)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9A699
RGB	233, 166, 153
RGB Percent	91%, 65%, 60%
CMY	0.0861, 0.3491, 0.3998
CMYK	0.00, 0.29, 0.34, 0.09
HSL	10°, 65%, 76%
HSV	10°, 34%, 91%
XYZ	53.0016, 46.8938, 36.4154
YIQ	184.5510, 44.1050, 10.1610

# Conversions

## Conversions Part 2

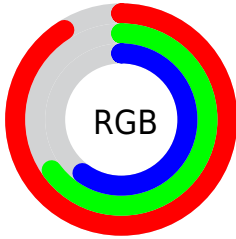
Format	Color
R <sub>Y</sub> B	233, 169, 153
Decimal	15312537
CIE Lab	74.12, 23.09, 16.56
CIE LCh	74, 28.414, 35.639
Yxy	46.8938, 0.3888, 0.3440
Android (android.graphics.Color)	4293502617 (0xFFE9A699)
YUV	184.5510, -15.5546, 42.4898
Hunter-Lab	68.4790, 18.3177, 16.4065

# Details

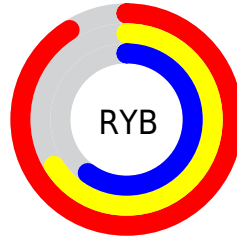
The YIQ color **184.5510, 44.1050, 10.1610** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **201.4490, -44.1050, -10.1610**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.5700, 24.7580, 2.8540**, and **131.1700, 40.8040, 9.4120** is the 20% darker color. If you saturate the color by 10%, you get **170.1890, 56.9880, 13.4680**, and if you desaturate by 10%, it is **198.9130, 31.2220, 6.8540**.

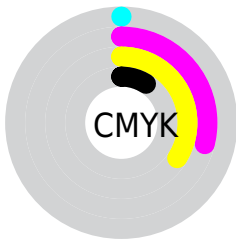
# Distribution



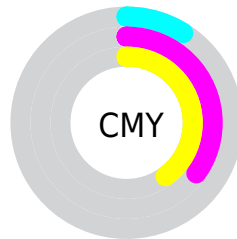
- Red (91%)
- Green (65%)
- Blue (60%)



- Red (91%)
- Yellow (66%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (34%)
- Black (9%)




- Cyan (9%)
- Magenta (35%)
- Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 184.5510, 44.1050, 10.1610 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 184.5510, 44.1050, 10.1610 by changing the saturation by 10% instead.





 184.5510, 44.1050,  
10.1610


 184.5510, 44.1050,  
10.1610


255.0000, -0.0000,  
-0.0000


 157.0670, 42.5920,  
10.0480


 229.5700, 24.7580,  
2.8540


 131.1700, 40.8040,  
9.4120

 249.8990, 7.4740,  
-3.2940

 105.3870, 38.6950,  
9.0870

 80.6040, 36.5860,  
8.7620

 56.6360, 33.5600,  
8.5360

 32.8530, 31.4510,  
8.2110

 13.1560, 26.2240,

9.3280

■ 0.0000, 0.0000,  
0.0000

■ 184.5510, 44.1050,  
10.1610

■ 184.5510, 44.1050,  
10.1610

■ 170.1890, 56.9880,  
13.4680

■ 198.9130, 31.2220,  
6.8540

■ 156.3000, 69.9170,  
15.9410

■ 212.8020, 18.2930,  
4.3810

■ 141.9380, 82.8000,  
19.2480

■ 227.1640, 5.4100,  
1.0740

■ 128.1630, 95.4080,  
22.0320

■ 240.9390, -7.1980,  
-1.7100

■ 113.8010,  
108.2910, 25.3390

■ 248.4220,  
-13.1120, -4.6640

■ 99.9120, 121.2200,  
27.8120

■ 91.9730, 128.4180,  
29.5220

# Harmonies

## Analogous

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



185.9390, 37.5010, 19.7170



184.5510, 44.1050, 10.1610



182.4220, 39.6140, -2.0660

# Triad

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



184.5510, 44.1050, 10.1610



173.9670, -22.7370, -22.9690



180.7410, -32.4630, 10.1370

# Complementary

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



184.5510, 44.1050, 10.1610



201.4490, -44.1050, -10.1610

# 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.



174.4020, -53.9180, -3.0220



184.5510, 44.1050, 10.1610



170.3310, -47.1290, -21.4410

# Square

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



184.5510, 44.1050, 10.1610



177.6080, 3.2590, -20.5250



170.0170, -60.5640, -14.7400



185.4950, -5.0470, 19.8890



# Rectangle

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



184.5510, 44.1050, 10.1610



181.1880, 31.2250, -9.7270



170.0170, -60.5640, -14.7400



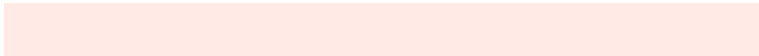
178.9140, -40.4400, 6.0240

# Sweetspot

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



184.5510, 44.1050, 10.1610



239.8230, 13.8000, 3.2080



184.6720, 25.8520, 38.1080



118.5450, 8.7110, 1.8230



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.



184.5510, 44.1050, 10.1610



191.3740, 57.9050, 13.3690



207.4440, 33.3800, -10.2360



109.8760, 6.2810, 1.8090



71.1420, 99.9010, 23.2050



21.4290, 29.7090, 6.7410

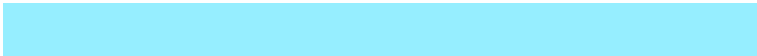


# Inverse Universe

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



201.4490, -44.1050, -10.1610



213.6260, -57.9050, -13.3690



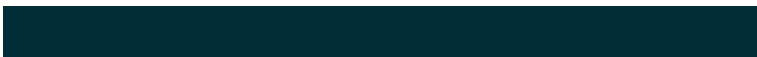
178.5560, -33.3800, 10.2360



112.5370, -6.0060, -1.2860



109.8580, -99.9010, -23.2050



32.5710, -29.7090, -6.7410



# Previews

## White Background



This preview shows how the YIQ color 184.5510, 44.1050, 10.1610 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

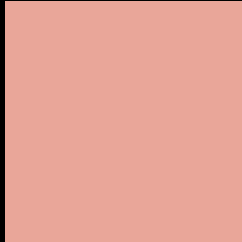
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 184.5510, 44.1050, 10.1610 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 184.5510, 44.1050, 10.1610

## Background



This preview shows how black text looks on a background with the YIQ color 184.5510, 44.1050, 10.1610.



This preview shows how white text looks on a background with the YIQ color 184.5510, 44.1050,



# 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

184.5510, 44.1050, 10.1610

### Protanopia

182.2970, 12.1050, -4.6230

### Deuteranopia

183.6150, 28.8850, -0.3550



## Tritanopia

185.8960, 39.0600, 18.9960

# Trichromacy



## Original Color

184.5510, 44.1050, 10.1610

## Protanomaly

182.9180, 23.6580, 0.7620

## Deuteranomaly

183.7730, 34.4320, 3.7440

## Tritanomaly

185.2720, 40.7570, 15.7730

# Monochromacy



## Original Color

184.5510, 44.1050, 10.1610

## Achromatopsia

185.0000, -0.0000, -0.0000

## Achromatomaly

184.6060, 15.9090, 3.5330

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 184.5510, 44.1050, 10.1610 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, 166, 153)` looks like.

```
.text, #text, p{  
    color:rgb(233, 166, 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(233, 166, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 166, 153) }
```

## Border

The CSS property to change the border of an element to YIQ 184.5510, 44.1050, 10.1610 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, 166, 153) }
```



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

```
.border{ border-color:rgb(233, 166, 153) }
```

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

Here you see how a box with a 4 pixel rgb(233, 166, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 166, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 166, 153);  
box-shadow:4px 4px 4px 4px rgb(233, 166,  
153) }
```

# Background

The CSS property to change the background color of an element to YIQ 184.5510, 44.1050, 10.1610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 166, 153) }
```

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

```
.background{ background-color: rgb(233,  
166, 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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