

# Converting Colors

YIQ(184.4270, 50.3860, 11.9700)

Have a look what the booklet for  
YIQ(184.4270, 50.3860, 11.9700)  
contains.

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# Color

**YIQ(184.4270, 50.3860,  
11.9700)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0A395
RGB	240, 163, 149
RGB Percent	94%, 64%, 58%
CMY	0.0586, 0.3609, 0.4155
CMYK	0.00, 0.32, 0.38, 0.06
HSL	9°, 75%, 76%
HSV	9°, 38%, 94%
XYZ	54.4708, 46.8876, 34.6356
YIQ	184.4270, 50.3860, 11.9700

# Conversions

## Conversions Part 2

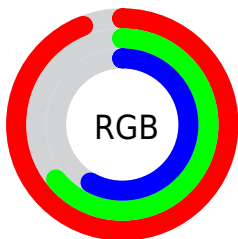
Format	Color
R <sub>Y</sub> B	240, 166, 149
Decimal	15770517
CIE Lab	74.12, 26.88, 18.85
CIE LCh	74, 32.828, 35.042
Yxy	46.8876, 0.4005, 0.3448
Android (android.graphics.Color)	4293960597 (0xFFFF0A395)
YUV	184.4270, -17.4655, 48.7375
Hunter-Lab	68.4745, 22.1647, 17.9423

# Details

The YIQ color **184.4270, 50.3860, 11.9700** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **204.5730, -50.3860, -11.9700**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.3530, 26.8670, 3.1790**, and **130.7470, 46.4890, 11.0090** is the 20% darker color. If you saturate the color by 10%, you get **169.9510, 63.5900, 14.9660**, and if you desaturate by 10%, it is **198.9030, 37.1820, 8.9740**.

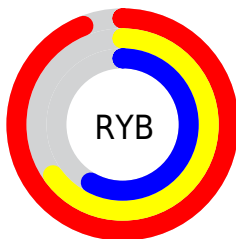
# Distribution



Red (94%)

Green (64%)

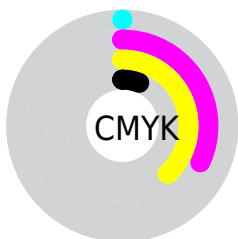
Blue (58%)



Red (94%)

Yellow (65%)

Blue (58%)

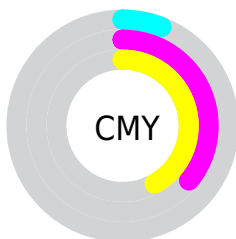


Cyan (0%)

Magenta (32%)

Yellow (38%)

Black (6%)



Cyan (6%)

Magenta (36%)


Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 184.4270, 50.3860, 11.9700 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 184.4270, 50.3860, 11.9700 by changing the saturation by 10% instead.




 184.4270, 50.3860,  
11.9700

 184.4270, 50.3860,  
11.9700


255.0000, -0.0000,  
-0.0000


 156.9430, 48.8730,  
11.8570


 227.3530, 26.8670,  
3.1790


 130.7470, 46.4890,  
11.0090

 247.5680, 9.9040,  
-3.2800

 104.9640, 44.3800,  
10.6840

 79.9960, 41.3540,  
10.4580

 55.3270, 38.9240,  
10.4440

 31.4300, 37.1360,  
9.8080

 14.3520, 28.6080,

10.1760

■ 1.1960, 2.3840,  
0.8480

■ 0.0000, 0.0000,  
0.0000

■ 184.4270, 50.3860,  
11.9700

■ 184.4270, 50.3860,  
11.9700

■ 169.9510, 63.5900,  
14.9660

■ 198.9030, 37.1820,  
8.9740

■ 154.8880, 77.0690,  
18.4850

■ 213.9660, 23.7030,  
5.4550

■ 140.4120, 90.2730,  
21.4810

■ 228.4420, 10.4990,  
2.4590

■ 125.9360,  
103.4770, 24.4770

■ 242.9180, -2.7050,  
-0.5370

■ 110.8730,  
116.9560, 27.9960

■ 250.5150, -8.9400,  
-3.1800

■ 96.3970, 130.1600,  
30.9920

■ 93.4790, 132.8650,  
31.5290

# Harmonies

## Analogous

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



186.2710, 42.4980, 22.7700



184.4270, 50.3860, 11.9700



182.5320, 45.1160, -2.6600

# Triad

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



184.4270, 50.3860, 11.9700



172.2930, -26.7710, -26.9550



179.8590, -38.6070, 11.3530

# Complementary

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



184.4270, 50.3860, 11.9700



204.5730, -50.3860, -11.9700

# 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.



171.3020, -65.3800, -4.5480



184.4270, 50.3860, 11.9700



167.0200, -56.6190, -25.6670

# Square

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



184.4270, 50.3860, 11.9700



176.7990, 4.0390, -23.6490



164.7810, -74.6390, -18.4710



185.7060, -7.0190, 22.5890



# Rectangle

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



184.4270, 50.3860, 11.9700



181.1730, 35.5810, -11.5790



164.7810, -74.6390, -18.4710



177.7220, -48.6470, 6.0810

# Sweetspot

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



184.4270, 50.3860, 11.9700



237.7200, 15.5880, 3.8440



184.9870, 29.5190, 43.2390



117.2570, 9.5820, 2.5580



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.



184.4270, 50.3860, 11.9700



184.9510, 63.5900, 14.9660



210.8420, 38.0110, -11.5650



112.7620, 6.6020, 1.4980



71.4520, 101.9640, 24.3640



22.0270, 30.9010, 7.1650



# Inverse Universe

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



204.5730, -50.3860, -11.9700



210.0490, -63.5900, -14.9660



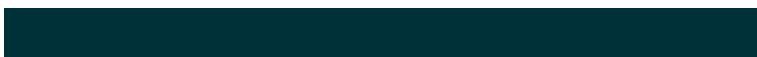
178.1580, -38.0110, 11.5650



115.2380, -6.6020, -1.4980



112.5480, -101.9640, -24.3640



34.5600, -31.1760, -7.6880



# Previews

## White Background



This preview shows how the YIQ color 184.4270, 50.3860, 11.9700 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 184.4270, 50.3860, 11.9700 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

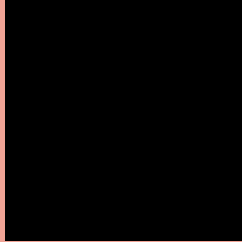
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 184.4270, 50.3860, 11.9700

## Background



This preview shows how black text looks on a background with the YIQ color 184.4270, 50.3860, 11.9700.



This preview shows how white text looks on a background with the YIQ color 184.4270, 50.3860,

11.9700.

# 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

184.4270, 50.3860, 11.9700

### Protanopia

181.9550, 13.0680, -5.5560

### Deuteranopia

183.1700, 31.6360, -0.6520



## Tritanopia

185.8860, 45.0200, 21.1160

# Trichromacy



## Original Color

184.4270, 50.3860, 11.9700

## Protanomaly

182.8860, 26.6840, 0.9880

## Deuteranomaly

183.9260, 38.3750, 3.8710

## Tritanomaly

185.2620, 46.7170, 17.8930

# Monochromacy



## Original Color

184.4270, 50.3860, 11.9700

## Achromatopsia

184.0000, 0.0000, -0.0000

## Achromatomaly

183.8020, 18.2930, 4.3810

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 184.4270, 50.3860, 11.9700 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(240, 163, 149)` looks like.

```
.text, #text, p{  
    color:rgb(240, 163, 149)  
}
```

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(240, 163, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 163, 149) }
```

## Border

The CSS property to change the border of an element to YIQ 184.4270, 50.3860, 11.9700 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(240, 163, 149) }
```



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

```
.border{ border-color:rgb(240, 163, 149) }
```

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

Here you see how a box with a 4 pixel rgb(240, 163, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 163, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 163, 149);  
box-shadow:4px 4px 4px 4px rgb(240, 163,  
149) }
```

# Background

The CSS property to change the background color of an element to YIQ 184.4270, 50.3860, 11.9700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 163, 149) }
```

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

```
.background{ background-color: rgb(240,  
163, 149) }
```

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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