

# Converting Colors

YIQ(215.3590, 26.7300, 0.1540)

Have a look what the booklet for  
YIQ(215.3590, 26.7300, 0.1540)  
contains.

<b>YIQ(215.3590, 26.7300, 0.1540)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(215.3590, 26.7300,  
0.1540)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1D0BA
RGB	241, 208, 186
RGB Percent	95%, 82%, 73%
CMY	0.0548, 0.1843, 0.2705
CMYK	0.00, 0.14, 0.23, 0.05
HSL	24°, 66%, 84%
HSV	24°, 23%, 95%
XYZ	67.7000, 67.3551, 55.9045
YIQ	215.3590, 26.7300, 0.1540

# Conversions

## Conversions Part 2

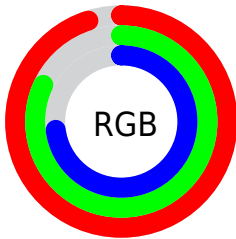
Format	Color
RYB	241, 223, 186
Decimal	15847610
CIELab	85.68, 8.24, 15.17
CIELCh	86, 17.262, 61.472
Yxy	67.3551, 0.3545, 0.3527
Android (android.graphics.Color)	4294037690 (0xFFFF1D0BA)
YUV	215.3590, -14.4740, 22.4872
Hunter-Lab	82.0702, 3.6225, 17.0620

# Details

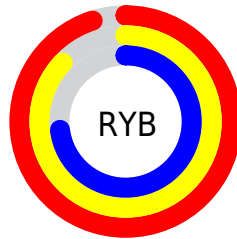
The YIQ color  $215.3590, 26.7300, 0.1540$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $211.6410, -26.7300, -0.1540$ , and the grayscale version is  $215.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $253.5180, 4.1730, -4.0430$ , and  $160.5760, 24.6210, -0.1710$  is the 20% darker color. If you saturate the color by 10%, you get  $204.4050, 38.2840, 0.0120$ , and if you desaturate by 10%, it is  $226.3130, 15.1760, 0.2960$ .

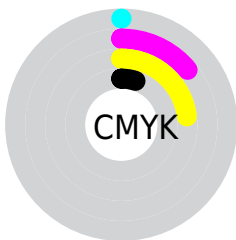
# Distribution



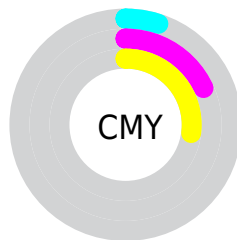
- Red (95%)
- Green (82%)
- Blue (73%)



- Red (95%)
- Yellow (87%)
- Blue (73%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (5%)




- Cyan (5%)
- Magenta (18%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 215.3590, 26.7300, 0.1540 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 215.3590, 26.7300, 0.1540 by changing the saturation by 10% instead.





 215.3590, 26.7300,  
0.1540


 215.3590, 26.7300,  
0.1540


255.0000, -0.0000,  
-0.0000


 187.1740, 25.8130,  
0.2530


 253.5180, 4.1730,  
-4.0430

 160.5760, 24.6210,  
-0.1710

 134.3910, 23.7040,  
-0.0720

 108.7930, 22.5120,  
-0.4960

 84.6080, 21.5950,  
-0.3970

 61.1240, 20.0820,  
-0.5100

 38.7540, 18.2480,

-0.3120

■ 17.7970, 16.6890,  
0.4090

■ 0.0000, 0.0000,  
0.0000

■ 215.3590, 26.7300,  
0.1540

■ 215.3590, 26.7300,  
0.1540

■ 204.4050, 38.2840,  
0.0120

■ 226.3130, 15.1760,  
0.2960

■ 192.8640, 50.1130,  
0.3930

■ 237.8540, 3.3470,  
-0.0850

■ 181.9100, 61.6670,  
0.2510

■ 248.4660, -7.2440,  
-0.8760

■ 170.3690, 73.4960,  
0.6320

■ 250.8140, -8.3440,  
-2.9680

■ 159.4150, 85.0500,  
0.4900

■ 147.7600, 97.2000,  
0.5600

■ 136.8060,  
108.7540, 0.4180

■ 128.4110,  
117.2360, 0.8840

# Harmonies

## Analogous

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



216.7710, 28.7460, 7.6740



215.3590, 26.7300, 0.1540



213.6520, 18.2950, -6.6730

# Triad

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



215.3590, 26.7300, 0.1540



208.5080, -25.3980, -13.2860



216.0400, -5.5040, 11.6480

# Complementary

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



215.3590, 26.7300, 0.1540



211.6410, -26.7300, -0.1540

# 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.



213.1520, -20.6790, 5.8250



215.3590, 26.7300, 0.1540



208.6630, -32.9640, -8.3240

# Square

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



215.3590, 26.7300, 0.1540



209.6960, -11.3680, -14.2480



210.5480, -30.9020, -1.6380



217.1190, 10.4510, 14.3470



# Rectangle

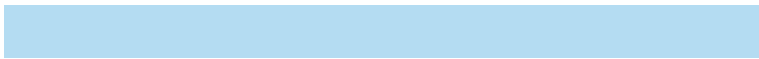
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



215.3590, 26.7300, 0.1540



212.6400, 9.4010, -10.6870



210.5480, -30.9020, -1.6380



215.3490, -10.8680, 9.7400

# Sweetspot

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



215.3590, 26.7300, 0.1540



246.4910, 8.8030, 0.1550



206.3210, 21.8660, 22.2340



122.6370, 5.4560, 0.2400



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.



215.3590, 26.7300, 0.1540



223.0670, 33.4240, -0.0160



231.2080, 19.3050, -13.9670



114.5230, 5.7770, -0.0710



97.8670, 89.5890, 0.8290



29.6580, 27.3260, 0.3660

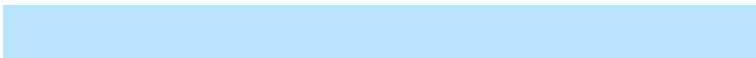


# Inverse Universe

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



211.6410, -26.7300, -0.1540



218.5200, -33.6990, -0.5070



195.7920, -19.3050, 13.9670



113.4770, -5.7770, 0.0710



85.5460, -89.3140, -0.3060

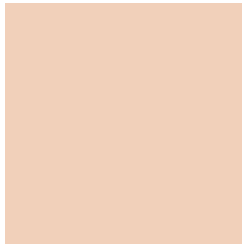


26.3420, -27.3260, -0.3660



# Previews

## White Background



This preview shows how the YIQ color 215.3590, 26.7300, 0.1540 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 215.3590, 26.7300, 0.1540 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

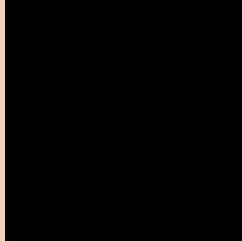
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 215.3590, 26.7300, 0.1540

## Background



This preview shows how black text looks on a background with the YIQ color 215.3590, 26.7300, 0.1540.



This preview shows how white text looks on a background with the YIQ color 215.3590, 26.7300,

0.1540.

# 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

215.3590, 26.7300, 0.1540

### Protanopia

214.1400, 13.9850, -5.6550

### Deuteranopia

215.3810, 29.6640, 2.0480



## Tritanopia

217.3820, 19.8960, 13.8800

# Trichromacy



## Original Color

215.3590, 26.7300, 0.1540

## Protanomaly

214.6460, 18.4320, -3.6480

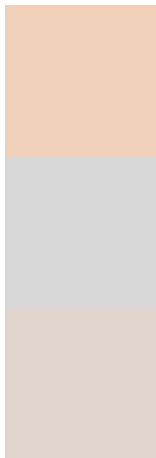
## Deuteranomaly

215.6690, 28.7930, 1.3130

## Tritanomaly

216.8890, 22.6020, 8.8900

# Monochromacy



## Original Color

215.3590, 26.7300, 0.1540

## Achromatopsia

215.0000, -0.0000, -0.0000

## Achromatomaly

214.6760, 9.7200, 0.0560

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 215.3590, 26.7300, 0.1540 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(241, 208, 186)` looks like.

```
.text, #text, p{  
    color:rgb(241, 208, 186)  
}
```

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(241, 208, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 208, 186) }
```

## Border

The CSS property to change the border of an element to YIQ 215.3590, 26.7300, 0.1540 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(241, 208, 186) }
```



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

```
.border{ border-color:rgb(241, 208, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 208, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 208, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 208, 186); box-shadow:4px 4px 4px 4px rgb(241, 208, 186) }
```

# Background

The CSS property to change the background color of an element to YIQ 215.3590, 26.7300, 0.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 208, 186) }
```

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

```
.background{ background-color: rgb(241,  
208, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor