

# Converting Colors

YIQ(185.5690, 60.8890, -7.6790)

Have a look what the booklet for  
YIQ(185.5690, 60.8890, -7.6790)  
contains.

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# Color

**YIQ(185.5690, 60.8890,  
-7.6790)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFAE69
RGB	239, 174, 105
RGB Percent	94%, 68%, 41%
CMY	0.0626, 0.3177, 0.5879
CMYK	0.00, 0.27, 0.56, 0.06
HSL	31°, 81%, 67%
HSV	31°, 56%, 94%
XYZ	53.2906, 49.6386, 20.1574
YIQ	185.5690, 60.8890, -7.6790

# Conversions

## Conversions Part 2

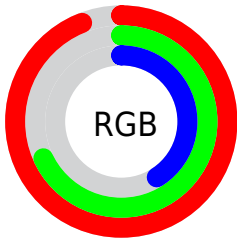
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 239, 105
Decimal	15707753
CIE Lab	75.85, 16.40, 44.37
CIE LCh	76, 47.305, 69.712
Yxy	49.6386, 0.4330, 0.4033
Android (android.graphics.Color)	4293897833 (0xFFEFAE69)
YUV	185.5690, -39.7205, 46.8590
Hunter-Lab	70.4547, 11.7184, 32.3552

# Details

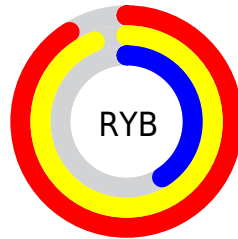
The YIQ color **185.5690, 60.8890, -7.6790** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **158.4310, -60.8890, 7.6790**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.2670, 38.0120, -17.0920**, and **131.7040, 56.0750, -8.5410** is the 20% darker color. If you saturate the color by 10%, you get **175.7890, 71.8930, -8.8670**, and if you desaturate by 10%, it is **195.3490, 49.8850, -6.4910**.

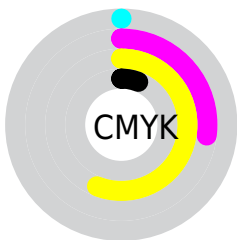
# Distribution



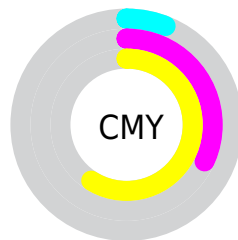
- Red (94%)
- Green (68%)
- Blue (41%)



- Red (91%)
- Yellow (94%)
- Blue (41%)



- Cyan (0%)
- Magenta (27%)
- Yellow (56%)
- Black (6%)



- Cyan (6%)
- Magenta (32%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 185.5690, 60.8890, -7.6790 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 185.5690, 60.8890, -7.6790 by changing the saturation by 10% instead.



185.5690, 60.8890,  
-7.6790

185.5690, 60.8890,  
-7.6790

255.0000, -0.0000,  
-0.0000

157.9000, 58.4590,  
-7.6930

228.6800, 38.2870,  
-16.5690

131.7040, 56.0750,  
-8.5410

247.0200, 22.4700,  
-21.7700

105.6220, 53.3700,  
-9.0780

250.2120, 13.4820,  
-13.0620

79.9700, 52.2700,  
-11.1700

253.5180, 4.1730,  
-4.0430

57.7550, 42.8700,  
-6.0100

37.3550, 32.5530,  
-0.7510

16.6670, 23.1070,

5.2430

■ 0.0000, 0.0000,  
0.0000

■ 185.5690, 60.8890,  
-7.6790

■ 185.5690, 60.8890,  
-7.6790

■ 175.7890, 71.8930,  
-8.8670

■ 195.3490, 49.8850,  
-6.4910

■ 166.5960, 82.6220,  
-10.5780

■ 204.5420, 39.1560,  
-4.7800

■ 156.8160, 93.6260,  
-11.7660

■ 214.3220, 28.1520,  
-3.5920

■ 147.6230,  
104.3550, -13.4770

■ 223.5150, 17.4230,  
-1.8810

■ 143.6620,  
108.6190, -13.6610

■ 233.2950, 6.4190,  
-0.6930

■ 242.9610, -4.2640,  
0.1840

■ 250.2160, -9.5360,  
-3.3920

# Harmonies

## Analogous

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



184.7400, 65.5620, 12.2660



185.5690, 60.8890, -7.6790



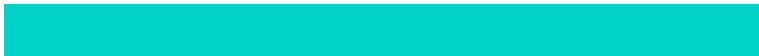
182.0290, 35.4460, -25.6580

# Triad

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



185.5690, 60.8890, -7.6790



146.0700, -121.9500, -47.6300



191.5360, -3.1240, 34.6040

# Complementary

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



185.5690, 60.8890, -7.6790



158.4310, -60.8890, 7.6790

# 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.



181.5960, -48.0520, 11.8200



185.5690, 60.8890, -7.6790



148.9830, -134.2860, -33.3100

# Square

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



185.5690, 60.8890, -7.6790



167.2850, -50.6560, -40.1280



157.5330, -114.8030, -17.4510



191.7720, 37.3140, 39.6340



# Rectangle

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



185.5690, 60.8890, -7.6790



178.8950, 12.1560, -33.0920



157.5330, -114.8030, -17.4510



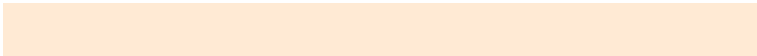
189.1920, -17.0150, 27.5370

# Sweetspot

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



185.5690, 60.8890, -7.6790



237.7710, 19.5780, -2.3900



152.7040, 58.3570, 49.2450



117.4050, 11.9210, -1.2870



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.



185.5690, 60.8890, -7.6790



186.7850, 77.7160, -9.7720



223.7240, 43.0140, -41.6740



115.1100, 5.5020, -0.5940



110.1940, 83.8140, -10.1540



33.7670, 25.4010, -3.2950



# Inverse Universe

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



158.4310, -60.8890, 7.6790



152.2150, -77.7160, 9.7720



120.2760, -43.0140, 41.6740



112.8900, -5.5020, 0.5940



73.2190, -83.5390, 10.6770



22.2330, -25.4010, 3.2950



# Previews

## White Background



This preview shows how the YIQ color 185.5690, 60.8890, -7.6790 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

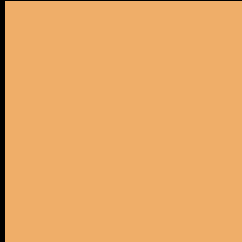
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 185.5690, 60.8890, -7.6790 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

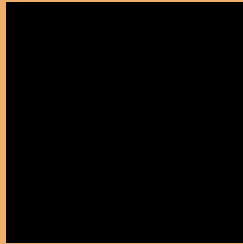
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 185.5690, 60.8890, -7.6790

## Background



This preview shows how black text looks on a background with the YIQ color 185.5690, 60.8890, -7.6790.



This preview shows how white text looks on a background with the YIQ color 185.5690, 60.8890,

-7.6790.

# 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

185.5690, 60.8890, -7.6790

### Protanopia

183.6040, 35.4450, -20.1310

### Deuteranopia

185.4000, 53.8750, -12.7250



## Tritanopia

190.4020, 43.5070, 21.0030

# Trichromacy



## Original Color

185.5690, 60.8890, -7.6790

## Protanomaly

184.0290, 44.6140, -15.5940

## Deuteranomaly

185.4220, 56.8090, -10.8310

## Tritanomaly

188.4870, 50.1570, 10.6130

# Monochromacy



## Original Color

185.5690, 60.8890, -7.6790

## Achromatopsia

186.0000, -0.0000, -0.0000

## Achromatomaly

186.0270, 21.7330, -2.8990

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 185.5690, 60.8890, -7.6790 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(239, 174, 105)` looks like.

```
.text, #text, p{  
    color:rgb(239, 174, 105)  
}
```

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(239, 174, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 174, 105) }
```

## Border

The CSS property to change the border of an element to YIQ 185.5690, 60.8890, -7.6790 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(239, 174, 105) }
```



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

```
.border{ border-color:rgb(239, 174, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 174, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 174, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 174, 105);  
box-shadow:4px 4px 4px 4px rgb(239, 174,  
105) }
```

# Background

The CSS property to change the background color of an element to YIQ 185.5690, 60.8890, -7.6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 174, 105) }
```

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

```
.background{ background-color: rgb(239,  
174, 105) }
```

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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