

# Converting Colors

YIQ(225.0710, 18.4330, -9.1750)

Have a look what the booklet for  
YIQ(225.0710, 18.4330, -9.1750)  
contains.

<b>YIQ(225.0710, 18.4330, -9.1750)</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(225.0710, 18.4330,  
-9.1750)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDE2BD
RGB	237, 226, 189
RGB Percent	93%, 89%, 74%
CMY	0.0706, 0.1137, 0.2587
CMYK	0.00, 0.05, 0.20, 0.07
HSL	46°, 57%, 84%
HSV	46°, 20%, 93%
XYZ	71.3085, 76.0701, 59.0835
YIQ	225.0710, 18.4330, -9.1750

# Conversions

## Conversions Part 2

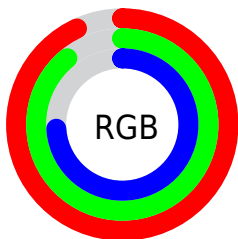
Format	Color
R <sub>Y</sub> B	203, 237, 189
Decimal	15590077
CIE Lab	89.89, -2.10, 19.44
CIE LCh	90, 19.556, 96.167
Yxy	76.0701, 0.3454, 0.3684
Android (android.graphics.Color)	4293780157 (0xFFE2BD)
YUV	225.0710, -17.7830, 10.4617
Hunter-Lab	87.2182, -6.6923, 20.8883

# Details

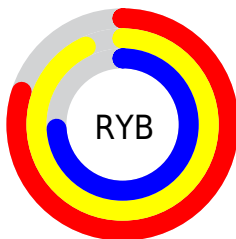
The YIQ color  $225.0710, 18.4330, -9.1750$  is a light color, and the websafe version is hex  $FFFFCC$ . A complement of this color would be  $200.9290, -18.4330, 9.1750$ , and the grayscale version is  $225.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $253.8600, 3.2100, -3.1100$ , and  $170.0000, 17.1950, -8.7650$  is the 20% darker color. If you saturate the color by 10%, you get  $219.4000, 27.5120, -14.0240$ , and if you desaturate by 10%, it is  $230.7420, 9.3540, -4.3260$ .

# Distribution



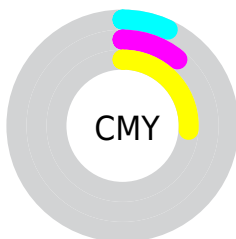
- Red (93%)
- Green (89%)
- Blue (74%)



- Red (80%)
- Yellow (93%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 225.0710, 18.4330, -9.1750 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 225.0710, 18.4330, -9.1750 by changing the saturation by 10% instead.



■ 225.0710, 18.4330,  
-9.1750

■ 225.0710, 18.4330,  
-9.1750

255.0000, -0.0000,  
-0.0000

■ 197.1850, 18.1120,  
-8.8640

■ 253.8600, 3.2100,  
-3.1100

■ 170.0000, 17.1950,  
-8.7650

■ 143.1140, 16.8740,  
-8.4540

■ 117.6300, 15.3610,  
-8.5670

■ 92.7440, 15.0400,  
-8.2560

■ 69.2600, 13.5270,  
-8.3690

■ 46.4880, 12.8850,

-7.7470

■ 25.7160, 12.2430,  
-7.1250

■ 0.0000, 0.0000,  
0.0000

■ 225.0710, 18.4330,  
-9.1750

■ 225.0710, 18.4330,  
-9.1750

■ 219.4000, 27.5120,  
-14.0240

■ 230.7420, 9.3540,  
-4.3260

■ 213.2560, 36.5450,  
-18.0390

■ 236.8860, 0.3210,  
-0.3110

■ 207.5850, 45.6240,  
-22.8880

■ 241.9870, -7.1530,  
2.9830

■ 201.3270, 54.9780,  
-27.2140

■ 245.5090, -8.8030,  
-0.1550

■ 195.7700, 63.7360,  
-31.7520

■ 248.4440,  
-10.1780, -2.7700

■ 189.5120, 73.0900,  
-36.0780

■ 249.6180,  
-10.7280, -3.8160

■ 183.8410, 82.1690,  
-40.9270

■ 178.2840, 90.9270,  
-45.4650

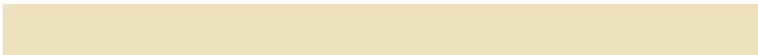
# Harmonies

## Analogous

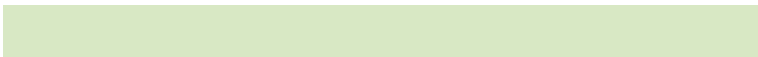
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.9740, 29.2520, -1.5000



225.0710, 18.4330, -9.1750



223.1120, 2.0200, -14.5880

# Triad

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



225.0710, 18.4330, -9.1750



219.9120, -38.0990, -8.8750



229.7390, 14.5770, 16.6650

# Complementary

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



225.0710, 18.4330, -9.1750



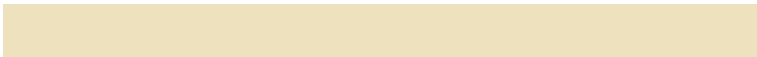
200.9290, -18.4330, 9.1750

# Split Complementary

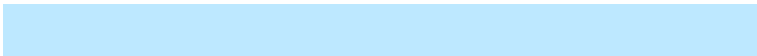
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.1760, -2.8910, 13.8530



225.0710, 18.4330, -9.1750



221.7650, -33.0110, -1.9630

# Square

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



225.0710, 18.4330, -9.1750



219.3440, -30.8080, -14.3600



224.5220, -18.8450, 5.6270



226.6980, 21.8220, 12.0140

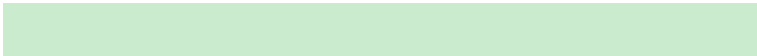


# Rectangle

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



225.0710, 18.4330, -9.1750



221.7130, -10.0380, -16.3260



224.5220, -18.8450, 5.6270



229.1020, 9.1210, 16.4250

# Sweetspot

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



225.0710, 18.4330, -9.1750



250.9420, 5.9150, -2.5730



204.6060, 25.0770, 13.5970



125.2130, 3.7140, -1.2300



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

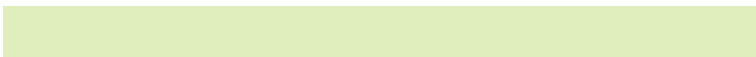
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.0710, 18.4330, -9.1750



239.8280, 23.4310, -11.6490



227.6410, 7.6600, -17.6840



114.5720, 4.0810, -2.3750



136.2990, 69.3760, -34.8480



40.2130, 20.9090, -9.9950



# Inverse Universe

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



200.9290, -18.4330, 9.1750



209.1720, -23.4310, 11.6490



198.3590, -7.6600, 17.6840



108.4280, -4.0810, 2.3750



45.2880, -69.6510, 34.3250

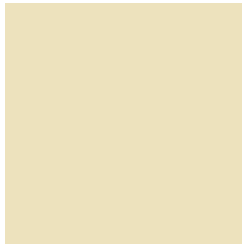


13.2000, -20.6340, 10.5180



# Previews

## White Background



This preview shows how the YIQ color 225.0710, 18.4330, -9.1750 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

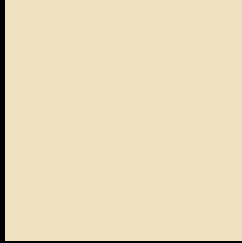
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 225.0710, 18.4330, -9.1750 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

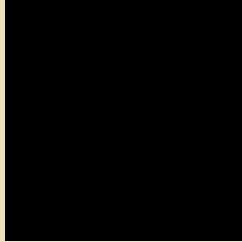
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

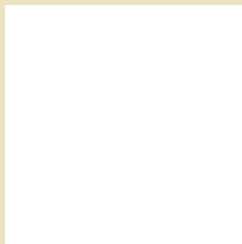
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 225.0710, 18.4330, -9.1750

## Background



This preview shows how black text looks on a background with the YIQ color 225.0710, 18.4330, -9.1750.



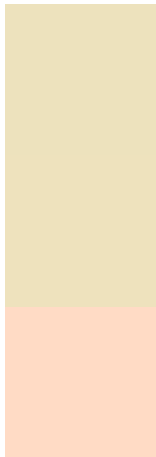
This preview shows how white text looks on a background with the YIQ color 225.0710, 18.4330,

-9.1750.

# 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

225.0710, 18.4330, -9.1750

### Protanopia

225.3700, 19.0290, -8.9630

### Deuteranopia

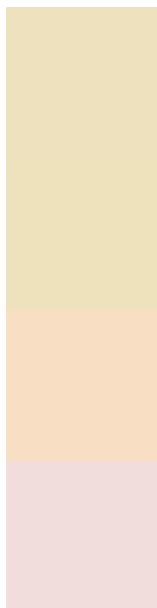
227.2560, 28.5180, 0.7900



## Tritanopia

228.2280, 8.5260, 10.6860

# Trichromacy



## Original Color

225.0710, 18.4330, -9.1750

## Protanomaly

225.3700, 19.0290, -8.9630

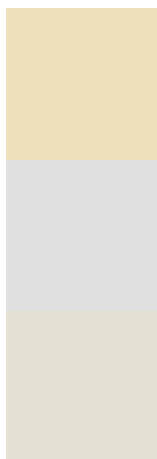
## Deuteranomaly

226.5820, 24.4840, -3.1960

## Tritanomaly

227.4530, 11.9660, 3.4060

# Monochromacy



## Original Color

225.0710, 18.4330, -9.1750

## Achromatopsia

225.0000, -0.0000, -0.0000

## Achromatomaly

224.7140, 6.5570, -3.1950

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 225.0710, 18.4330, -9.1750 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(237, 226, 189)` looks like.

```
.text, #text, p{  
    color:rgb(237, 226, 189)  
}
```

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(237, 226, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 226, 189) }
```

## Border

The CSS property to change the border of an element to YIQ 225.0710, 18.4330, -9.1750 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(237, 226, 189) }
```



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

```
.border{ border-color:rgb(237, 226, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 226, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 226, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 226, 189);  
box-shadow:4px 4px 4px 4px rgb(237, 226,  
189) }
```

# Background

The CSS property to change the background color of an element to YIQ 225.0710, 18.4330, -9.1750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 226, 189) }
```

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

```
.background{ background-color: rgb(237,  
226, 189) }
```

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