

# Converting Colors

YIQ(224.0430, 7.6090, 10.7850)

Have a look what the booklet for  
YIQ(224.0430, 7.6090, 10.7850)  
contains.

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# Color

**YIQ(224.0430, 7.6090,  
10.7850)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EED7EA
RGB	238, 215, 234
RGB Percent	93%, 84%, 92%
CMY	0.0666, 0.1569, 0.0823
CMYK	0.00, 0.10, 0.02, 0.07
HSL	310°, 40%, 89%
HSV	310°, 10%, 93%
XYZ	74.4154, 72.7168, 87.9585
YIQ	224.0430, 7.6090, 10.7850

# Conversions

## Conversions Part 2

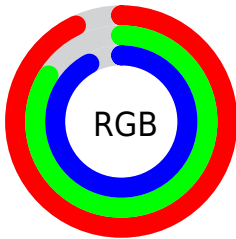
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 215, 234
Decimal	15652842
CIE Lab	88.31, 11.21, -6.42
CIE LCh	88, 12.919, 330.212
Yxy	72.7168, 0.3165, 0.3093
Android (android.graphics.Color)	4293842922 (0xFFEED7EA)
YUV	224.0430, 4.9088, 12.2403
Hunter-Lab	85.2741, 6.5403, -1.4645

# Details

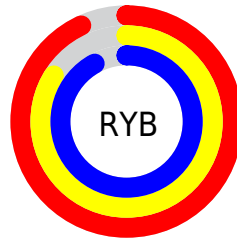
The YIQ color  $224.0430, 7.6090, 10.7850$  is a light color, and the websafe version is hex  $CCCCCC$ . A complement of this color would be  $228.9570, -7.6090, -10.7850$ , and the grayscale version is  $224.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $168.6300, 7.3340, 10.2620$  is the 20% darker color. If you saturate the color by 10%, you get  $209.4990, 15.4930, 22.0930$ , and if you desaturate by 10%, it is  $238.5870, -0.2750, -0.5230$ .

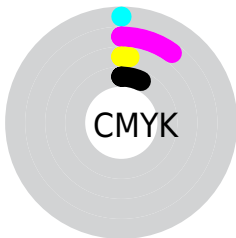
# Distribution



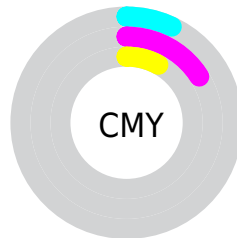
- Red (93%)
- Green (84%)
- Blue (92%)



- Red (93%)
- Yellow (84%)
- Blue (92%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (7%)



- Cyan (7%)
- Magenta (16%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 224.0430, 7.6090, 10.7850 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 224.0430, 7.6090, 10.7850 by changing the saturation by 10% instead.



224.0430, 7.6090,  
10.7850

224.0430, 7.6090,  
10.7850

255.0000, -0.0000,  
-0.0000

196.0430, 7.6090,  
10.7850

168.6300, 7.3340,  
10.2620

142.3310, 6.7380,  
10.0500

116.9180, 6.4630,  
9.5270

91.9180, 6.4630,  
9.5270

68.5050, 6.1880,  
9.0040

46.0920, 5.9130,

8.4810

■ 25.3800, 5.0420,  
7.7460

■ 2.8200, 0.6870,  
4.0710

■ 224.0430, 7.6090,  
10.7850

■ 224.0430, 7.6090,  
10.7850

■ 209.4990, 15.4930,  
22.0930

■ 238.5870, -0.2750,  
-0.5230

■ 194.9550, 23.3770,  
33.4010

■ 248.4350, -5.9590,  
-7.6470

■ 180.9980, 30.9860,  
44.1860

■ 248.8910, -7.2430,  
-6.4030

■ 166.3400, 39.1910,  
55.1830

■ 249.4610, -8.8480,  
-4.8480

151.7960, 47.0750,  
66.4910

249.9170,  
-10.1320, -3.6040

137.2520, 54.9590,  
77.7990

122.7080, 62.8430,  
89.1070

108.7510, 70.4520,  
99.8920

94.2070, 78.3360,  
111.2000

# Harmonies

## Analogous

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



222.6440, -4.4490, 9.0470



224.0430, 7.6090, 10.7850



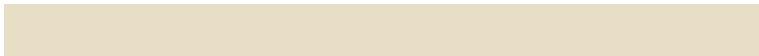
224.1920, 17.3750, 10.0070

# Triad

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



224.0430, 7.6090, 10.7850



221.5530, 14.2600, -5.1320



217.5070, -23.6570, -6.2890

# Complementary

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



224.0430, 7.6090, 10.7850



228.9570, -7.6090, -10.7850

# 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.



217.6230, -18.2920, -9.9080



224.0430, 7.6090, 10.7850



220.0570, 3.8530, -9.2590

# Square

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



224.0430, 7.6090, 10.7850



222.9500, 20.6320, 0.5360



218.6580, -8.2050, -10.9970



218.8540, -23.0160, -1.3840



# Rectangle

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



224.0430, 7.6090, 10.7850



224.1660, 20.2640, 7.2080



218.6580, -8.2050, -10.9970



217.7520, -22.9690, -7.7450

# Sweetspot

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



224.0430, 7.6090, 10.7850



250.1900, 2.5210, 3.8730



218.8180, -4.9990, 8.0010



124.3640, 1.9710, 2.8270



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.



224.0430, 7.6090, 10.7850



236.2330, 10.1300, 14.6580



222.7890, 11.1400, 7.3640



112.7280, 3.9420, 5.6540



72.3440, 60.8720, 86.2800



21.9880, 18.6100, 26.1780



# Inverse Universe

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



224.0430, 7.6090, 10.7850



236.2330, 10.1300, 14.6580



230.2110, -11.1400, -7.3640



112.7280, 3.9420, 5.6540



72.3440, 60.8720, 86.2800

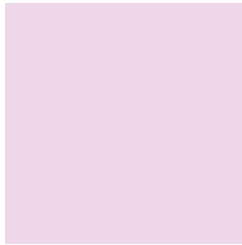


21.9880, 18.6100, 26.1780



# Previews

## White Background



This preview shows how the YIQ color 224.0430, 7.6090, 10.7850 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

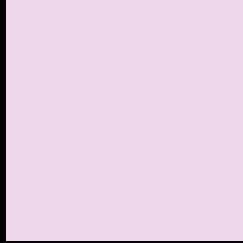
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 224.0430, 7.6090, 10.7850 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

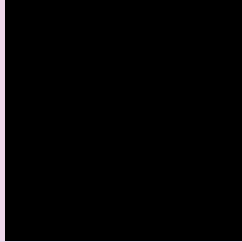
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 224.0430, 7.6090, 10.7850

## Background



This preview shows how black text looks on a background with the YIQ color 224.0430, 7.6090, 10.7850.



This preview shows how white text looks on a background with the YIQ color 224.0430, 7.6090,

10.7850.

# 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

224.0430, 7.6090, 10.7850

### Protanopia

222.2370, -4.8610, 5.4990

### Deuteranopia

224.0430, 7.6090, 10.7850



## Tritanopia

223.8150, 8.2510, 10.1630

# Trichromacy



## Original Color

224.0430, 7.6090, 10.7850

## Protanomaly

222.7430, -0.4140, 7.5060

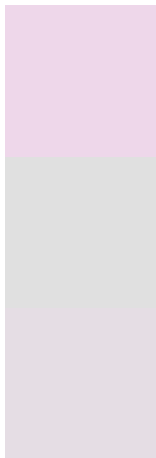
## Deuteranomaly

224.0430, 7.6090, 10.7850

## Tritanomaly

223.9290, 7.9300, 10.4740

# Monochromacy



## Original Color

224.0430, 7.6090, 10.7850

## Achromatopsia

224.0000, -0.0000, 0.0000

## Achromatomaly

224.1900, 2.5210, 3.8730

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 224.0430, 7.6090, 10.7850 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(238, 215, 234)` looks like.

```
.text, #text, p{  
    color:rgb(238, 215, 234)  
}
```

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(238, 215, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 215, 234) }
```

## Border

The CSS property to change the border of an element to YIQ 224.0430, 7.6090, 10.7850 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(238, 215, 234) }
```



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

```
.border{ border-color:rgb(238, 215, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 215, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 215, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 215, 234);  
box-shadow:4px 4px 4px 4px rgb(238, 215,  
234) }
```

# Background

The CSS property to change the background color of an element to YIQ 224.0430, 7.6090, 10.7850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 215, 234) }
```

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

```
.background{ background-color: rgb(238,  
215, 234) }
```

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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