

# Converting Colors

YIQ(209.1260, 25.7680, -4.4400)

Have a look what the booklet for  
YIQ(209.1260, 25.7680, -4.4400)  
contains.

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# Color

**YIQ(209.1260, 25.7680,  
-4.4400)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E7CDAD
RGB	231, 205, 173
RGB Percent	91%, 80%, 68%
CMY	0.0941, 0.1961, 0.3214
CMYK	0.00, 0.11, 0.25, 0.09
HSL	33°, 55%, 79%
HSV	33°, 25%, 91%
XYZ	62.3331, 63.6665, 48.5552
YIQ	209.1260, 25.7680, -4.4400

# Conversions

## Conversions Part 2

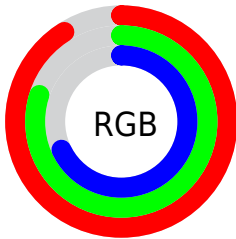
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	220, 231, 173
Decimal	15191469
CIE Lab	83.79, 4.27, 19.26
CIE LCh	84, 19.723, 77.497
Yxy	63.6665, 0.3571, 0.3647
Android (android.graphics.Color)	4293381549 (0xFFE7CDAD)
YUV	209.1260, -17.8101, 19.1835
Hunter-Lab	79.7913, -0.1902, 19.7743

# Details

The YIQ color  $209.1260, 25.7680, -4.4400$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $194.8740, -25.7680, 4.4400$ , and the grayscale version is  $209.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $252.0360, 8.3460, -8.0860$ , and  $154.7560, 23.9340, -4.2420$  is the 20% darker color. If you saturate the color by 10%, you get  $200.6340, 35.9010, -6.3630$ , and if you desaturate by 10%, it is  $217.6180, 15.6350, -2.5170$ .

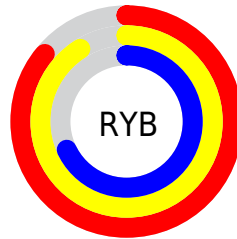
# Distribution



Red (91%)

Green (80%)

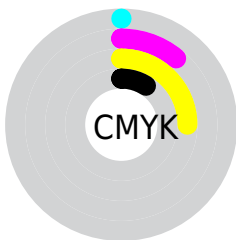
Blue (68%)



Red (86%)

Yellow (91%)

Blue (68%)

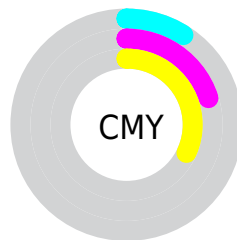


Cyan (0%)

Magenta (11%)

Yellow (25%)

Black (9%)



Cyan (9%)

Magenta (20%)

Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 209.1260, 25.7680, -4.4400 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 209.1260, 25.7680, -4.4400 by changing the saturation by 10% instead.





 209.1260, 25.7680,  
-4.4400


 209.1260, 25.7680,  
-4.4400


255.0000, -0.0000,  
-0.0000


 181.8270, 25.1720,  
-4.6520


 252.0360, 8.3460,  
-8.0860

 154.7560, 23.9340,  
-4.2420

 128.5710, 23.0170,  
-4.1430

 103.0870, 21.5040,  
-4.2560

 78.9020, 20.5870,  
-4.1570

 56.1190, 18.4780,  
-4.4820

 33.4780, 18.8450,

-5.6270

■ 13.3450, 12.1500,  
0.0700

■ 0.0000, 0.0000,  
0.0000

■ 209.1260, 25.7680,  
-4.4400

■ 209.1260, 25.7680,  
-4.4400

■ 200.6340, 35.9010,  
-6.3630

■ 217.6180, 15.6350,  
-2.5170

■ 191.5550, 46.3090,  
-7.7630

■ 226.6970, 5.2270,  
-1.1170

■ 183.0630, 56.4420,  
-9.6860

■ 235.1890, -4.9060,  
0.8060

■ 174.5710, 66.5750,  
-11.6090

■ 242.5410,  
-11.8290, -0.3810

■ 165.4920, 76.9830,  
-13.0090

■ 247.8240,  
-14.3040, -5.0880

■ 156.8860, 87.4370,  
-15.2430

■ 147.8070, 97.8450,  
-16.6430

■ 143.6180,  
102.7510, -17.4490

# Harmonies

## Analogous

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



210.5170, 32.2770, 4.2530



209.1260, 25.7680, -4.4400



206.9670, 12.7940, -11.6060

# Triad

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



209.1260, 25.7680, -4.4400



201.9460, -35.4390, -13.0310



211.9380, 3.7110, 15.3510

# Complementary

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



209.1260, 25.7680, -4.4400



194.8740, -25.7680, 4.4400

# 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.



209.7230, -14.8570, 10.4470



209.1260, 25.7680, -4.4400



203.0200, -38.2830, -5.5390

# Square

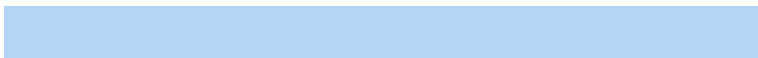
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



209.1260, 25.7680, -4.4400



202.7810, -21.9130, -15.8730



206.4820, -30.5360, 2.7440



212.7350, 20.4000, 15.7600



# Rectangle

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



209.1260, 25.7680, -4.4400



205.8130, 1.4240, -14.8000



206.4820, -30.5360, 2.7440



211.4750, -2.2950, 14.0650

# Sweetspot

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



209.1260, 25.7680, -4.4400



247.4370, 8.8950, -1.5130



193.3060, 26.2220, 20.3820



122.9960, 5.8230, -0.9050



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.



209.1260, 25.7680, -4.4400



226.3780, 33.7460, -5.8540



223.4910, 16.8300, -18.6740



110.6970, 5.2270, -1.1170



111.0470, 79.7340, -13.3060



31.6850, 22.6960, -3.8320



# Inverse Universe

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



194.8740, -25.7680, 4.4400



207.6220, -33.7460, 5.8540



180.5090, -16.8300, 18.6740



107.3030, -5.2270, 1.1170



67.3660, -79.4590, 13.8290

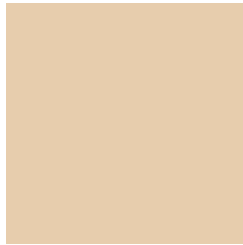


19.3150, -22.6960, 3.8320



# Previews

## White Background



This preview shows how the YIQ color 209.1260, 25.7680, -4.4400 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 209.1260, 25.7680, -4.4400 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

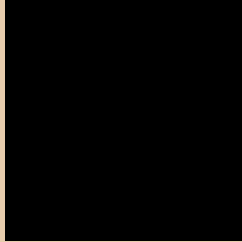
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 209.1260, 25.7680, -4.4400

## Background



This preview shows how black text looks on a background with the YIQ color 209.1260, 25.7680, -4.4400.



This preview shows how white text looks on a background with the YIQ color 209.1260, 25.7680,

-4.4400.

# 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**

209.1260, 25.7680, -4.4400

**Protanopia**

208.4130, 17.4700, -8.2420

**Deuteranopia**

209.8820, 32.5070, 0.0830



## Tritanopia

211.8870, 16.9160, 12.8200

# Trichromacy



## Original Color

209.1260, 25.7680, -4.4400

## Protanomaly

208.9080, 20.4500, -7.1820

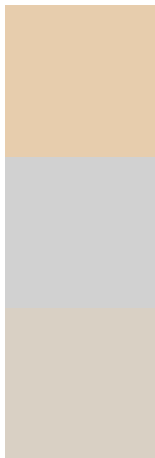
## Deuteranomaly

209.2730, 29.8480, -1.2880

## Tritanomaly

210.7530, 19.9890, 6.6850

# Monochromacy



## Original Color

209.1260, 25.7680, -4.4400

## Achromatopsia

209.0000, 0.0000, 0.0000

## Achromatomaly

209.3230, 9.2160, -1.8240

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 209.1260, 25.7680, -4.4400 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(231, 205, 173)` looks like.

```
.text, #text, p{  
    color:rgb(231, 205, 173)  
}
```

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(231, 205, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 205, 173) }
```

## Border

The CSS property to change the border of an element to YIQ 209.1260, 25.7680, -4.4400 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(231, 205, 173) }
```



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

```
.border{ border-color:rgb(231, 205, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 205, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 205, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 205, 173);  
box-shadow:4px 4px 4px 4px rgb(231, 205,  
173) }
```

# Background

The CSS property to change the background color of an element to YIQ 209.1260, 25.7680, -4.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 205, 173) }
```

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

```
.background{ background-color: rgb(231,  
205, 173) }
```

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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