

# Converting Colors

YIQ(215.4800, 24.5310, -9.5570)

Have a look what the booklet for  
YIQ(215.4800, 24.5310, -9.5570)  
contains.

<b>YIQ(215.4800, 24.5310, -9.5570)</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(215.4800, 24.5310,  
-9.5570)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9D7AC
RGB	233, 215, 172
RGB Percent	91%, 84%, 67%
CMY	0.0863, 0.1569, 0.3254
CMYK	0.00, 0.08, 0.26, 0.09
HSL	42°, 58%, 79%
HSV	42°, 26%, 91%
XYZ	65.3537, 68.9011, 48.9012
YIQ	215.4800, 24.5310, -9.5570

# Conversions

## Conversions Part 2

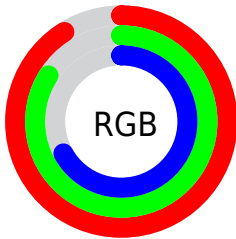
Format	Color
<b>RYB</b>	198, 233, 172
Decimal	15325100
CIELab	86.46, -0.30, 23.49
CIELCh	86, 23.487, 90.740
Yxy	68.9011, 0.3568, 0.3762
Android (android.graphics.Color)	4293515180 (0xFFE9D7AC)
YUV	215.4800, -21.4356, 15.3650
Hunter-Lab	83.0067, -4.7233, 23.1755

# Details

The YIQ color **215.4800, 24.5310, -9.5570** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **189.5200, -24.5310, 9.5570**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **251.9220, 8.6670, -8.3970**, and **160.4090, 23.2930, -9.1470** is the 20% darker color. If you saturate the color by 10%, you get **208.7490, 33.8390, -13.0490**, and if you desaturate by 10%, it is **222.2110, 15.2230, -6.0650**.

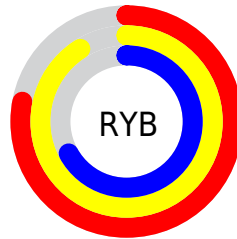
# Distribution



Red (91%)

Green (84%)

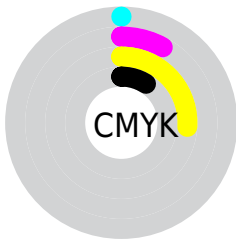
Blue (67%)



Red (78%)

Yellow (91%)

Blue (67%)

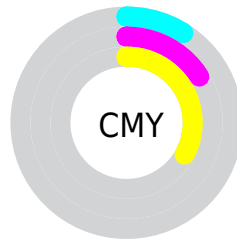


Cyan (0%)

Magenta (8%)

Yellow (26%)

Black (9%)



Cyan (9%)

Magenta (16%)


Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 215.4800, 24.5310, -9.5570 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 215.4800, 24.5310, -9.5570 by changing the saturation by 10% instead.




 215.4800, 24.5310,  
-9.5570


 215.4800, 24.5310,  
-9.5570


255.0000, -0.0000,  
-0.0000


 187.5940, 24.2100,  
-9.2460


 251.9220, 8.6670,  
-8.3970

 160.5230, 22.9720,  
-8.8360

 134.3380, 22.0550,  
-8.7370

 108.8540, 20.5420,  
-8.8500

 84.6690, 19.6250,  
-8.7510

 61.1850, 18.1120,  
-8.8640

 38.5440, 18.4790,

-10.0090

■ 19.8130, 10.5920,  
-4.7360

■ 0.0000, 0.0000,  
0.0000

■ 215.4800, 24.5310,  
-9.5570

■ 215.4800, 24.5310,  
-9.5570

■ 208.7490, 33.8390,  
-13.0490

■ 222.2110, 15.2230,  
-6.0650

■ 201.9040, 43.4680,  
-16.8520

■ 229.0560, 5.5940,  
-2.2620

■ 195.1730, 52.7760,  
-20.3440

■ 235.7870, -3.7140,  
1.2300

■ 188.4420, 62.0840,  
-23.8360

■ 241.3780, -9.8120,  
1.6120

■ 182.2980, 71.1170,  
-27.8510

■ 244.9000,  
-11.4620, -1.5260

■ 175.4530, 80.7460,  
-31.6540

■ 248.4220,  
-13.1120, -4.6640

■ 168.7220, 90.0540,  
-35.1460

■ 165.9350, 93.7680,  
-36.3760

# Harmonies

## Analogous

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



217.7360, 35.8540, -0.0020



215.4800, 24.5310, -9.5570



213.0970, 6.3760, -16.4400

# Triad

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



215.4800, 24.5310, -9.5570



207.3130, -46.7180, -12.3660



220.5480, 13.7970, 19.7890

# Complementary

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



215.4800, 24.5310, -9.5570



189.5200, -24.5310, 9.5570

# Split Complementary

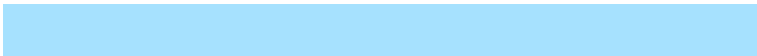
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.4190, -7.8890, 16.3270



215.4800, 24.5310, -9.5570



210.6650, -44.4730, -3.4890

# Square

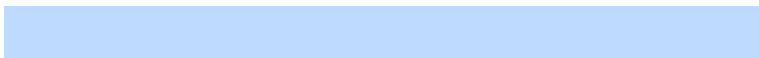
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215.4800, 24.5310, -9.5570



207.7840, -35.1630, -18.0350



214.1450, -27.9690, 5.7830



218.9700, 27.0480, 16.4240



# Rectangle

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



215.4800, 24.5310, -9.5570



211.5020, -8.0660, -19.0260



214.1450, -27.9690, 5.7830



220.3130, 7.1490, 19.1250

# Sweetspot

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



215.4800, 24.5310, -9.5570



249.1980, 8.0700, -3.0820



192.2910, 30.5780, 18.5300



124.1700, 5.2730, -1.9510



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.



215.4800, 24.5310, -9.5570



232.4930, 31.6840, -12.5400



222.4580, 12.4290, -21.5150



113.9850, 4.3560, -1.8520



129.2550, 72.6760, -28.5720



38.4520, 21.7340, -8.4260



# Inverse Universe

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



189.5200, -24.5310, 9.5570



198.5070, -31.6840, 12.5400



182.5420, -12.4290, 21.5150



109.0150, -4.3560, 1.8520



51.7450, -72.6760, 28.5720



15.5480, -21.7340, 8.4260



# Previews

## White Background



This preview shows how the YIQ color 215.4800, 24.5310, -9.5570 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

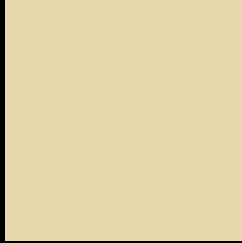
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 215.4800, 24.5310, -9.5570 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

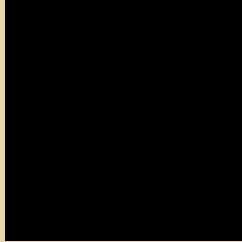
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 215.4800, 24.5310, -9.5570

## Background



This preview shows how black text looks on a background with the YIQ color 215.4800, 24.5310, -9.5570.



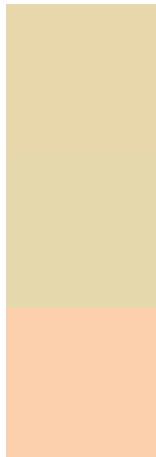
This preview shows how white text looks on a background with the YIQ color 215.4800, 24.5310,

-9.5570.

# 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

215.4800, 24.5310, -9.5570

### Protanopia

215.2840, 22.1470, -10.4050

### Deuteranopia

217.1660, 37.4590, -1.5570



## Tritanopia

219.0930, 13.3400, 11.5480

# Trichromacy



## Original Color

215.4800, 24.5310, -9.5570

## Protanomaly

215.5830, 22.7430, -10.1930

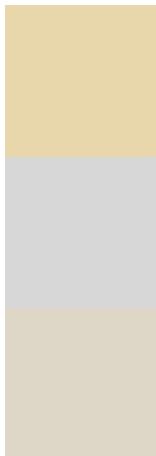
## Deuteranomaly

216.8340, 32.4620, -4.6100

## Tritanomaly

218.0900, 17.4220, 3.6460

# Monochromacy



## Original Color

215.4800, 24.5310, -9.5570

## Achromatopsia

215.0000, -0.0000, -0.0000

## Achromatomaly

215.2690, 9.3080, -3.4920

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 215.4800, 24.5310, -9.5570 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(233, 215, 172)` looks like.

```
.text, #text, p{  
    color:rgb(233, 215, 172)  
}
```

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(233, 215, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 215, 172) }
```

## Border

The CSS property to change the border of an element to YIQ 215.4800, 24.5310, -9.5570 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(233, 215, 172) }
```



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

```
.border{ border-color:rgb(233, 215, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 215, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 215, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 215, 172);  
box-shadow:4px 4px 4px 4px rgb(233, 215,  
172) }
```

# Background

The CSS property to change the background color of an element to YIQ 215.4800, 24.5310, -9.5570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 215, 172) }
```

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

```
.background{ background-color: rgb(233,  
215, 172) }
```

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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