

# Converting Colors

YIQ(216.9830, 25.0330, 3.3770)

Have a look what the booklet for  
YIQ(216.9830, 25.0330, 3.3770)  
contains.

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# Color

**YIQ(216.9830, 25.0330,  
3.3770)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3D0C3
RGB	243, 208, 195
RGB Percent	95%, 82%, 76%
CMY	0.0470, 0.1843, 0.2352
CMYK	0.00, 0.14, 0.20, 0.05
HSL	16°, 67%, 86%
HSV	16°, 20%, 95%
XYZ	69.3745, 68.1040, 61.1353
YIQ	216.9830, 25.0330, 3.3770

# Conversions

## Conversions Part 2

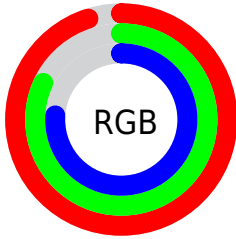
Format	Color
R <sub>Y</sub> B	243, 213, 195
Decimal	15978691
CIE Lab	86.06, 10.28, 10.97
CIE LCh	86, 15.030, 46.858
Yxy	68.1040, 0.3493, 0.3429
Android (android.graphics.Color)	4294168771 (0xFFFF3D0C3)
YUV	216.9830, -10.8376, 22.8169
Hunter-Lab	82.5252, 5.6364, 13.8452

# Details

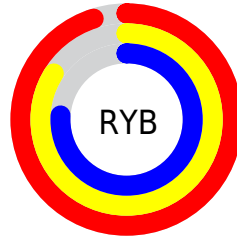
The YIQ color **216.9830, 25.0330, 3.3770** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **221.0170, -25.0330, -3.3770**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **254.6580, 0.9630, -0.9330**, and **162.0860, 23.2450, 2.7410** is the 20% darker color. If you saturate the color by 10%, you get **203.6810, 37.6870, 5.3270**, and if you desaturate by 10%, it is **230.2850, 12.3790, 1.4270**.

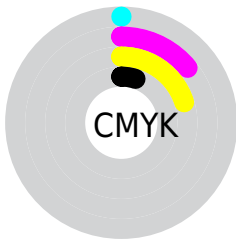
# Distribution



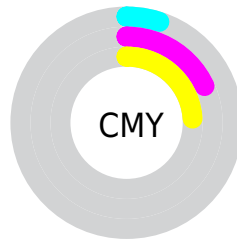
- Red (95%)
- Green (82%)
- Blue (76%)



- Red (95%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (5%)



- Cyan (5%)
- Magenta (18%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 216.9830, 25.0330, 3.3770 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 216.9830, 25.0330, 3.3770 by changing the saturation by 10% instead.



216.9830, 25.0330,  
3.3770

216.9830, 25.0330,  
3.3770

255.0000, -0.0000,  
-0.0000

188.7980, 24.1160,  
3.4760

254.6580, 0.9630,  
-0.9330

162.0860, 23.2450,  
2.7410

135.9010, 22.3280,  
2.8400

110.3030, 21.1360,  
2.4160

85.5310, 20.4940,  
3.0380

62.6340, 18.7060,  
2.4020

40.1500, 17.1930,

2.2890

■ 18.6940, 18.4770,  
1.0450

■ 0.0000, 0.0000,  
0.0000

■ 216.9830, 25.0330,  
3.3770

■ 216.9830, 25.0330,  
3.3770

■ 203.6810, 37.6870,  
5.3270

■ 230.2850, 12.3790,  
1.4270

■ 190.8520, 50.3870,  
6.4430

■ 243.1140, -0.3210,  
0.3110

■ 177.5500, 63.0410,  
8.3930

■ 251.4120, -7.1520,  
-2.5440

■ 164.2480, 75.6950,  
10.3430

■ 150.9460, 88.3490,  
12.2930

■ 138.1170,  
101.0490, 13.4090

■ 124.8150,  
113.7030, 15.3590

■ 111.5130,  
126.3570, 17.3090

■ 111.3990,  
126.6780, 16.9980

# Harmonies

## Analogous

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



218.1880, 23.1980, 9.1020



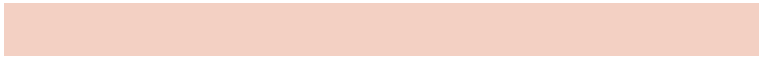
216.9830, 25.0330, 3.3770



215.5430, 20.2200, -3.0120

# Triad

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



216.9830, 25.0330, 3.3770



210.5260, -16.6410, -12.2970



215.9960, -11.3720, 7.8600

# Complementary

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



216.9830, 25.0330, 3.3770



221.0170, -25.0330, -3.3770

# 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.



213.3750, -22.9250, 2.4750



216.9830, 25.0330, 3.3770



210.7300, -25.9030, -9.6390

# Square

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



216.9830, 25.0330, 3.3770



212.3550, -2.9780, -12.1140



211.2230, -28.6090, -4.6490



217.6450, 2.9780, 12.1140



# Rectangle

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



216.9830, 25.0330, 3.3770



214.4990, 14.3520, -6.8000



211.2230, -28.6090, -4.6490



214.9030, -15.5440, 6.3760

# Sweetspot

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



216.9830, 25.0330, 3.3770



246.8330, 7.8400, 1.0880



213.3420, 17.3730, 21.0610



122.8650, 4.8140, 0.8620



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

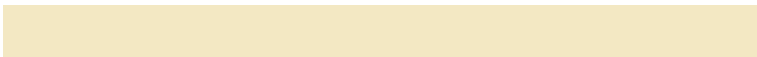
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.9830, 25.0330, 3.3770



221.6310, 31.9560, 4.5640



231.0710, 18.4330, -9.1750



115.3490, 6.3270, 0.9750



84.9640, 97.1060, 13.2820



27.0330, 30.7640, 4.1400

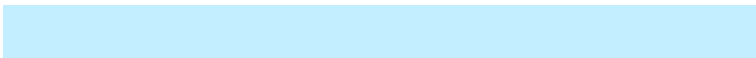


# Inverse Universe

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



221.0170, -25.0330, -3.3770



226.7820, -31.6810, -4.0410



206.9290, -18.4330, 9.1750



116.6510, -6.3270, -0.9750



101.0360, -97.1060, -13.2820

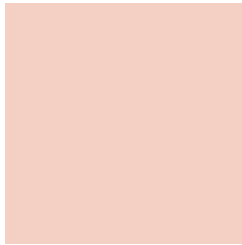


31.9670, -30.7640, -4.1400



# Previews

## White Background



This preview shows how the YIQ color 216.9830, 25.0330, 3.3770 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

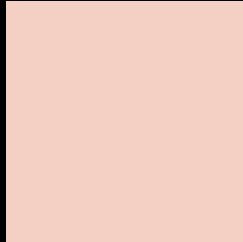
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 216.9830, 25.0330, 3.3770 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

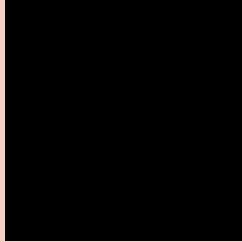
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**YIQ 216.9830, 25.0330, 3.3770**

## **Background**



This preview shows how black text looks on a background with the YIQ color 216.9830, 25.0330, 3.3770.



This preview shows how white text looks on a background with the YIQ color 216.9830, 25.0330,

3.3770.

# 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

216.9830, 25.0330, 3.3770

### Protanopia

215.5680, 9.9040, -3.2800

### Deuteranopia

217.2820, 25.6290, 3.5890



## Tritanopia

218.3820, 19.8960, 13.8800

# Trichromacy



## Original Color

216.9830, 25.0330, 3.3770

## Protanomaly

215.7860, 15.2220, -0.5380

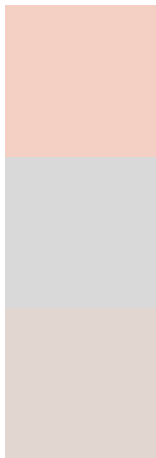
## Deuteranomaly

217.2820, 25.6290, 3.5890

## Tritanomaly

217.6440, 21.9140, 10.3460

# Monochromacy



## Original Color

216.9830, 25.0330, 3.3770

## Achromatopsia

217.0000, -0.0000, 0.0000

## Achromatomaly

217.0180, 8.7570, 0.9890

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 216.9830, 25.0330, 3.3770 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(243, 208, 195)` looks like.

```
.text, #text, p{  
    color:rgb(243, 208, 195)  
}
```

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(243, 208, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 208, 195) }
```

## Border

The CSS property to change the border of an element to YIQ 216.9830, 25.0330, 3.3770 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(243, 208, 195) }
```



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

```
.border{ border-color:rgb(243, 208, 195) }
```

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

Here you see how a box with a 4 pixel rgb(243, 208, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 208, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 208, 195);  
box-shadow:4px 4px 4px 4px rgb(243, 208,  
195) }
```

# Background

The CSS property to change the background color of an element to YIQ 216.9830, 25.0330, 3.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 208, 195) }
```

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

```
.background{ background-color: rgb(243,  
208, 195) }
```

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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