

# Converting Colors

YIQ(216.3100, 28.4260, 2.4580)

Have a look what the booklet for  
YIQ(216.3100, 28.4260, 2.4580)  
contains.

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# Color

**YIQ(216.3100, 28.4260,  
2.4580)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5CFBD
RGB	245, 207, 189
RGB Percent	96%, 81%, 74%
CMY	0.0391, 0.1883, 0.2587
CMYK	0.00, 0.16, 0.23, 0.04
HSL	19°, 74%, 85%
HSV	19°, 23%, 96%
XYZ	69.1610, 67.7095, 57.5866
YIQ	216.3100, 28.4260, 2.4580

# Conversions

## Conversions Part 2

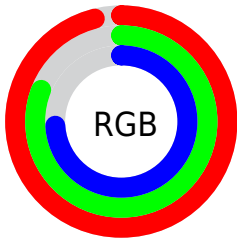
Format	Color
R <sub>Y</sub> B	245, 216, 189
Decimal	16109501
CIE Lab	85.86, 10.67, 13.88
CIE LCh	86, 17.507, 52.464
Yxy	67.7095, 0.3557, 0.3482
Android (android.graphics.Color)	4294299581 (0xFFF5CFBD)
YUV	216.3100, -13.4638, 25.1611
Hunter-Lab	82.2858, 6.0286, 16.1068

# Details

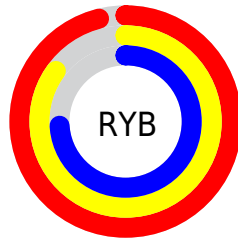
The YIQ color  $216.3100, 28.4260, 2.4580$  is a light color, and the websafe version is hex  $FFCCCC$ . A complement of this color would be  $217.6900, -28.4260, -2.4580$ , and the grayscale version is  $216.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.8600, 3.2100, -3.1100$ , and  $161.5270, 26.3170, 2.1330$  is the 20% darker color. If you saturate the color by 10%, you get  $203.5950, 40.8050, 3.8850$ , and if you desaturate by 10%, it is  $229.1390, 15.7260, 1.3420$ .

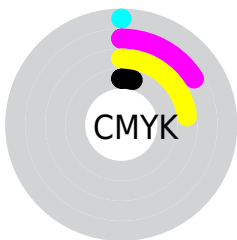
# Distribution



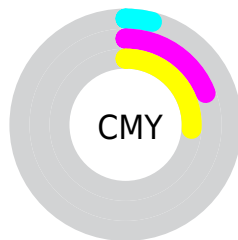
- Red (96%)
- Green (81%)
- Blue (74%)



- Red (96%)
- Yellow (85%)
- Blue (74%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (4%)




- Cyan (4%)
- Magenta (19%)
- Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 216.3100, 28.4260, 2.4580 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 216.3100, 28.4260, 2.4580 by changing the saturation by 10% instead.





 216.3100, 28.4260,  
2.4580


 216.3100, 28.4260,  
2.4580

255.0000, -0.0000,  
-0.0000


 188.1250, 27.5090,  
2.5570


 253.8600, 3.2100,  
-3.1100

 161.5270, 26.3170,  
2.1330

 135.2280, 25.7210,  
1.9210

 109.7440, 24.2080,  
1.8080

 85.2600, 22.6950,  
1.6950

 61.7760, 21.1820,  
1.5820

 39.2920, 19.6690,

1.4690

■ 18.1070, 18.7520,  
1.5680

■ 0.0000, 0.0000,  
0.0000

■ 216.3100, 28.4260,  
2.4580

■ 216.3100, 28.4260,  
2.4580

■ 203.5950, 40.8050,  
3.8850

■ 229.1390, 15.7260,  
1.3420

■ 191.3530, 53.2300,  
4.4780

■ 241.2670, 3.6220,  
0.4380

■ 178.6380, 65.6090,  
5.9050

■ 252.0100, -5.9600,  
-2.1200

■ 165.8090, 78.3090,  
7.0210

■ 153.6810, 90.4130,  
7.9250

■ 140.8520,  
103.1130, 9.0410

■ 128.1370,  
115.4920, 10.4680

■ 119.6280,  
124.2950, 10.6230

# Harmonies

## Analogous

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



217.6400, 27.7370, 9.4410



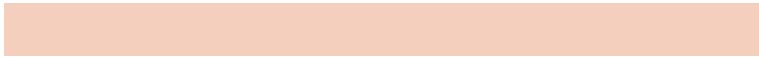
216.3100, 28.4260, 2.4580



214.5600, 21.5500, -5.0900

# Triad

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



216.3100, 28.4260, 2.4580



209.2480, -21.7300, -13.6820



216.0610, -9.9970, 10.4750

# Complementary

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



216.3100, 28.4260, 2.4580



217.6900, -28.4260, -2.4580

# 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.



212.9450, -24.5300, 4.0300



216.3100, 28.4260, 2.4580



208.7940, -31.9550, -10.0910

# Square

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



216.3100, 28.4260, 2.4580



210.7350, -7.1040, -14.4320



210.2980, -33.1940, -4.1540



217.6670, 5.9120, 14.0080



# Rectangle

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



216.3100, 28.4260, 2.4580



213.6190, 13.8940, -9.5140



210.2980, -33.1940, -4.1540



215.0710, -15.9570, 8.3550

# Sweetspot

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



216.3100, 28.4260, 2.4580



245.9040, 9.0780, 0.6780



210.0760, 21.1780, 23.6900



122.6370, 5.4560, 0.2400



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.



216.3100, 28.4260, 2.4580



219.5450, 35.0740, 3.1220



232.7460, 20.7260, -12.1860



115.9360, 6.0520, 0.4520



90.8340, 94.3560, 8.0520



28.7940, 29.9390, 2.5710

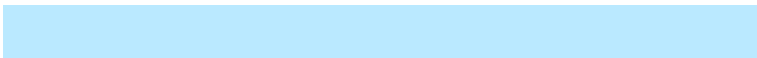


# Inverse Universe

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



217.6900, -28.4260, -2.4580



221.4550, -35.0740, -3.1220



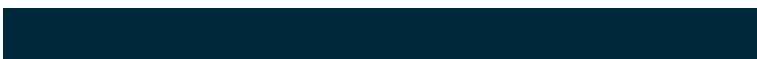
201.2540, -20.7260, 12.1860



116.0640, -6.0520, -0.4520



95.1660, -94.3560, -8.0520

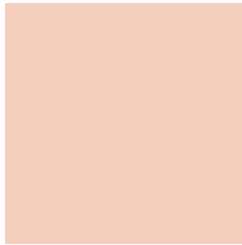


30.2060, -29.9390, -2.5710



# Previews

## White Background



This preview shows how the YIQ color 216.3100, 28.4260, 2.4580 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

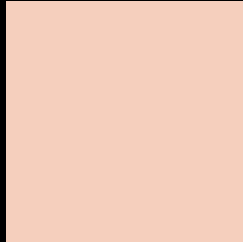
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 216.3100, 28.4260, 2.4580 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

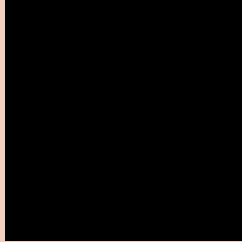
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 216.3100, 28.4260, 2.4580

## Background



This preview shows how black text looks on a background with the YIQ color 216.3100, 28.4260, 2.4580.



This preview shows how white text looks on a background with the YIQ color 216.3100, 28.4260,

2.4580.

# 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

216.3100, 28.4260, 2.4580

### Protanopia

214.5960, 12.7010, -4.4110

### Deuteranopia

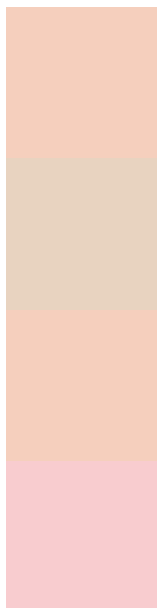
216.3100, 28.4260, 2.4580



## Tritanopia

218.4640, 22.6010, 14.4170

# Trichromacy



## Original Color

216.3100, 28.4260, 2.4580

## Protanomaly

215.1130, 18.6150, -1.4570

## Deuteranomaly

216.3100, 28.4260, 2.4580

## Tritanomaly

217.4980, 25.2610, 10.2610

# Monochromacy



## Original Color

216.3100, 28.4260, 2.4580

## Achromatopsia

216.0000, -0.0000, 0.0000

## Achromatomaly

216.3880, 10.5910, 0.7910

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 216.3100, 28.4260, 2.4580 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(245, 207, 189)` looks like.

```
.text, #text, p{  
    color:rgb(245, 207, 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(245, 207, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 207, 189) }
```

## Border

The CSS property to change the border of an element to YIQ 216.3100, 28.4260, 2.4580 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(245, 207, 189) }
```



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

```
.border{ border-color:rgb(245, 207, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 207, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 207, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 207, 189);  
box-shadow:4px 4px 4px 4px rgb(245, 207,  
189) }
```

# Background

The CSS property to change the background color of an element to YIQ 216.3100, 28.4260, 2.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 207, 189) }
```

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

```
.background{ background-color: rgb(245,  
207, 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](#).

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