

# Converting Colors

YIQ(218.4740, 33.8360, 3.5320)

Have a look what the booklet for  
YIQ(218.4740, 33.8360, 3.5320)  
contains.

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# Color

**YIQ(218.4740, 33.8360,  
3.5320)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDCFBB
RGB	253, 207, 187
RGB Percent	99%, 81%, 73%
CMY	0.0077, 0.1883, 0.2665
CMYK	0.00, 0.18, 0.26, 0.01
HSL	18°, 94%, 86%
HSV	18°, 26%, 99%
XYZ	71.7989, 69.0930, 56.5872
YIQ	218.4740, 33.8360, 3.5320

# Conversions

## Conversions Part 2

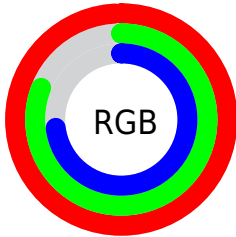
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	253, 216, 187
Decimal	16633787
CIE Lab	86.55, 13.34, 16.01
CIE LCh	87, 20.842, 50.196
Yxy	69.0930, 0.3636, 0.3499
Android (android.graphics.Color)	4294823867 (0xFFFD CFBB)
YUV	218.4740, -15.5167, 30.2793
Hunter-Lab	83.1222, 8.7199, 17.8226

# Details

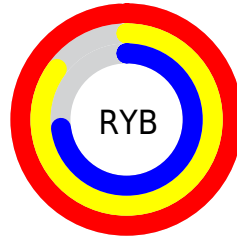
The YIQ color  $218.4740, 33.8360, 3.5320$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $221.5260, -33.8360, -3.5320$ , and the grayscale version is  $219.0000, 0.0000, -0.0000$ .

A 20% lighter version of the original color is  $253.6320, 3.8520, -3.7320$ , and  $163.3920, 31.1310, 2.9950$  is the 20% darker color. If you saturate the color by 10%, you get  $205.0580, 46.8110, 5.1710$ , and if you desaturate by 10%, it is  $231.8900, 20.8610, 1.8930$ .

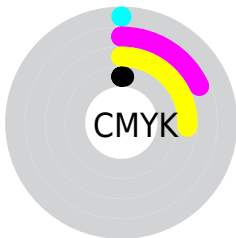
# Distribution



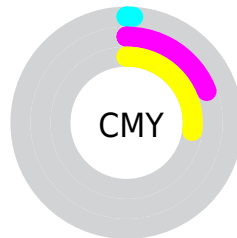
- Red (99%)
- Green (81%)
- Blue (73%)



- Red (99%)
- Yellow (85%)
- Blue (73%)



- Cyan (0%)
- Magenta (18%)
- Yellow (26%)
- Black (1%)




- Cyan (1%)
- Magenta (19%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 218.4740, 33.8360, 3.5320 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 218.4740, 33.8360, 3.5320 by changing the saturation by 10% instead.





 218.4740, 33.8360,  
3.5320


 218.4740, 33.8360,  
3.5320


255.0000, -0.0000,  
-0.0000


 190.2890, 32.9190,  
3.6310


 253.6320, 3.8520,  
-3.7320

 163.6910, 31.7270,  
3.2070

 137.2070, 30.2140,  
3.0940

 111.6090, 29.0220,  
2.6700

 86.2390, 27.1880,  
2.8680

 62.7550, 25.6750,  
2.7550

 40.6730, 22.9700,

2.2180

■ 19.3030, 21.1360,  
2.4160

■ 0.0000, 0.0000,  
0.0000

■ 218.4740, 33.8360,  
3.5320

■ 218.4740, 33.8360,  
3.5320

■ 205.0580, 46.8110,  
5.1710

■ 231.8900, 20.8610,  
1.8930

■ 192.1150, 59.8320,  
5.9760

■ 244.8330, 7.8400,  
1.0880

■ 178.6990, 72.8070,  
7.6150

■ 254.4020, -1.1920,  
-0.4240

■ 165.2830, 85.7820,  
9.2540

■ 152.4540, 98.4820,  
10.3700

■ 138.9240,  
111.7780, 11.6980

■ 125.5080,  
124.7530, 13.3370

■ 120.2590,  
129.8880, 13.8880

# Harmonies

## Analogous

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



218.6620, 30.6710, 11.3350



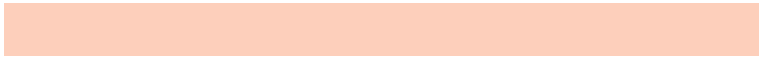
218.4740, 33.8360, 3.5320



216.4850, 26.1350, -5.5850

# Triad

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



218.4740, 33.8360, 3.5320



209.9870, -25.4890, -17.1450



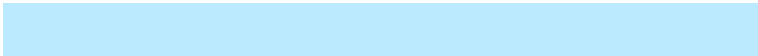
217.9620, -14.0320, 12.0160

# Complementary

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



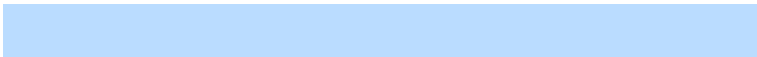
218.4740, 33.8360, 3.5320



221.5260, -33.8360, -3.5320

# 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.



213.8240, -31.4990, 3.6770



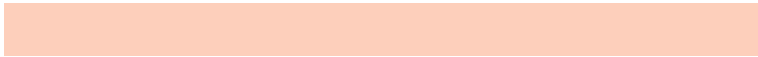
218.4740, 33.8360, 3.5320



208.9780, -38.4650, -13.2570

# Square

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



218.4740, 33.8360, 3.5320



212.1540, -6.9660, -16.9340



210.3510, -40.7130, -5.5530



219.6610, 6.0490, 17.0330



# Rectangle

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



218.4740, 33.8360, 3.5320



214.9460, 17.2870, -10.4330



210.3510, -40.7130, -5.5530



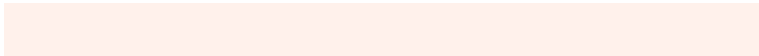
216.5590, -20.2670, 9.3730

# Sweetspot

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



218.4740, 33.8360, 3.5320



244.5020, 10.2700, 1.1020



211.9780, 24.5700, 28.2980



121.2350, 6.6480, 0.6640



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.



218.4740, 33.8360, 3.5320



213.7090, 40.4840, 4.1960



237.8450, 24.7610, -13.7270



121.2350, 6.6480, 0.6640



91.1550, 97.8860, 10.1580

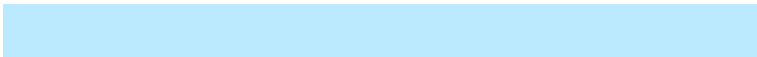


30.2890, 32.9190, 3.6310

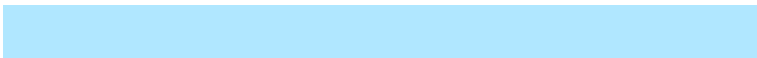


# Inverse Universe

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



221.5260, -33.8360, -3.5320



217.2910, -40.4840, -4.1960



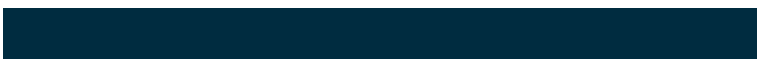
202.1550, -24.7610, 13.7270



121.7650, -6.6480, -0.6640



99.8450, -97.8860, -10.1580



33.1240, -32.6440, -3.1080



# Previews

## White Background



This preview shows how the YIQ color 218.4740, 33.8360, 3.5320 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 218.4740, 33.8360, 3.5320 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

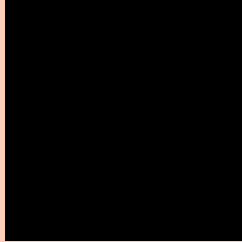
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 218.4740, 33.8360, 3.5320

## Background



This preview shows how black text looks on a background with the YIQ color 218.4740, 33.8360, 3.5320.



This preview shows how white text looks on a background with the YIQ color 218.4740, 33.8360,

3.5320.

# 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

218.4740, 33.8360, 3.5320

### Protanopia

216.5530, 14.2600, -5.1320

### Deuteranopia

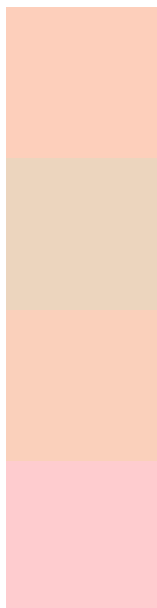
218.4520, 30.9020, 1.6380



## Tritanopia

220.2580, 26.1770, 15.6890

# Trichromacy



## Original Color

218.4740, 33.8360, 3.5320

## Protanomaly

217.2550, 21.0910, -2.2770

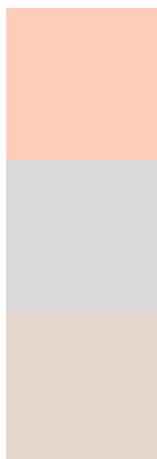
## Deuteranomaly

218.1640, 31.7730, 2.3730

## Tritanomaly

219.2920, 28.8370, 11.5330

# Monochromacy



## Original Color

218.4740, 33.8360, 3.5320

## Achromatopsia

218.0000, -0.0000, 0.0000

## Achromatomaly

218.2850, 12.3790, 1.4270

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 218.4740, 33.8360, 3.5320 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(253, 207, 187)` looks like.

```
.text, #text, p{  
    color:rgb(253, 207, 187)  
}
```

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(253, 207, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 207, 187) }
```

## Border

The CSS property to change the border of an element to YIQ 218.4740, 33.8360, 3.5320 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(253, 207, 187) }
```



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

```
.border{ border-color:rgb(253, 207, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 207, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 207, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 207, 187);  
box-shadow:4px 4px 4px 4px rgb(253, 207,  
187) }
```

# Background

The CSS property to change the background color of an element to YIQ 218.4740, 33.8360, 3.5320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 207, 187) }
```

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

```
.background{ background-color: rgb(253,  
207, 187) }
```

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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