

# Converting Colors

YIQ(197.7550, 52.0380, 4.0540)

Have a look what the booklet for  
YIQ(197.7550, 52.0380, 4.0540)  
contains.

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# Color

**YIQ(197.7550, 52.0380,  
4.0540)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAB593
RGB	250, 181, 147
RGB Percent	98%, 71%, 58%
CMY	0.0195, 0.2903, 0.4233
CMYK	0.00, 0.28, 0.41, 0.02
HSL	20°, 91%, 78%
HSV	20°, 41%, 98%
XYZ	61.2265, 55.4751, 35.1090
YIQ	197.7550, 52.0380, 4.0540

# Conversions

## Conversions Part 2

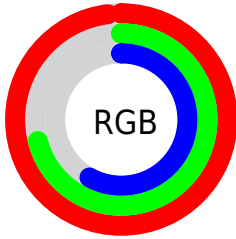
Format	Color
R <sub>Y</sub> B	250, 198, 147
Decimal	16430483
CIE Lab	79.31, 20.98, 27.19
CIE LCh	79, 34.345, 52.339
Yxy	55.4751, 0.4033, 0.3654
Android (android.graphics.Color)	4294620563 (0xFFFFAB593)
YUV	197.7550, -25.0222, 45.8189
Hunter-Lab	74.4816, 16.3905, 24.1891

# Details

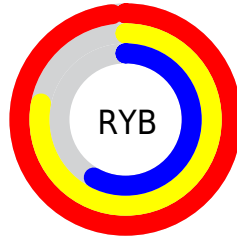
The YIQ color **197.7550, 52.0380, 4.0540** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **199.2450, -52.0380, -4.0540**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.2780, 22.2840, -7.3800**, and **143.1890, 47.8200, 3.4040** is the 20% darker color. If you saturate the color by 10%, you get **184.9260, 64.7380, 5.1700**, and if you desaturate by 10%, it is **210.5840, 39.3380, 2.9380**.

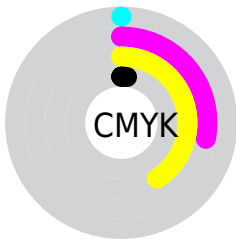
# Distribution



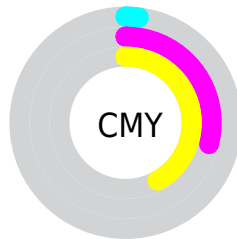
- Red (98%)
- Green (71%)
- Blue (58%)



- Red (98%)
- Yellow (78%)
- Blue (58%)



- Cyan (0%)
- Magenta (28%)
- Yellow (41%)
- Black (2%)



- Cyan (2%)
- Magenta (29%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 197.7550, 52.0380, 4.0540 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 197.7550, 52.0380, 4.0540 by changing the saturation by 10% instead.





 197.7550, 52.0380,  
4.0540


 197.7550, 52.0380,  
4.0540


255.0000, -0.0000,  
-0.0000


 169.9720, 49.9290,  
3.7290


 238.2780, 22.2840,  
-7.3800


 143.1890, 47.8200,  
3.4040

 252.0360, 8.3460,  
-8.0860

 117.4060, 45.7110,  
3.0790

 91.7370, 43.2810,  
3.0650

 67.6550, 40.5760,  
2.5280

 43.9320, 38.2380,  
0.8460

 22.9020, 29.7550,

5.9070

■ 9.6820, 18.7510,  
7.0950

■ 0.0000, 0.0000,  
0.0000

■ 197.7550, 52.0380,  
4.0540

■ 197.7550, 52.0380,  
4.0540

■ 184.9260, 64.7380,  
5.1700

■ 210.5840, 39.3380,  
2.9380

■ 172.0970, 77.4380,  
6.2860

■ 223.4130, 26.6380,  
1.8220

■ 159.8550, 89.8630,  
6.8790

■ 235.6550, 14.2130,  
1.2290

■ 147.0260,  
102.5630, 7.9950

■ 248.4840, 1.5130,  
0.1130

■ 134.1970,  
115.2630, 9.1110

■ 253.5050, -2.9800,  
-1.0600

■ 122.8840,  
126.4500, 10.1140

# Harmonies

## Analogous

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



198.2190, 48.2760, 17.1720



197.7550, 52.0380, 4.0540



195.4400, 39.2030, -11.1410

# Triad

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



197.7550, 52.0380, 4.0540



182.8160, -47.3570, -28.3250



197.9970, -21.1400, 19.6920

# Complementary

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



197.7550, 52.0380, 4.0540



199.2450, -52.0380, -4.0540

# 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.



190.1020, -52.7730, 3.7630



197.7550, 52.0380, 4.0540



178.5050, -74.0420, -23.7860

# Square

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



197.7550, 52.0380, 4.0540



187.9970, -14.2540, -28.0300



181.5130, -76.5200, -11.9120



201.0350, 11.2280, 27.8040



# Rectangle

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



197.7550, 52.0380, 4.0540



193.5690, 25.3580, -19.0420



181.5130, -76.5200, -11.9120



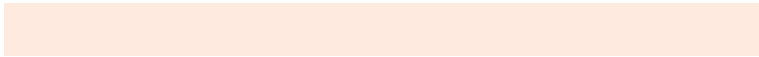
195.5610, -31.7760, 14.2080

# Sweetspot

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



197.7550, 52.0380, 4.0540



239.1390, 15.7260, 1.3420



185.7770, 38.9180, 43.6060



118.9040, 9.0780, 0.6780



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.



197.7550, 52.0380, 4.0540



191.4420, 63.2250, 5.0570



227.1050, 38.2880, -22.0960



118.8220, 6.3730, 0.1410



92.9050, 95.5940, 7.6420



29.9790, 30.8560, 2.4720



# Inverse Universe

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



199.2450, -52.0380, -4.0540



193.5580, -63.2250, -5.0570



169.8950, -38.2880, 22.0960



118.7650, -6.6480, -0.6640



96.0950, -95.5940, -7.6420



31.0210, -30.8560, -2.4720



# Previews

## White Background



This preview shows how the YIQ color 197.7550, 52.0380, 4.0540 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 197.7550, 52.0380, 4.0540 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 197.7550, 52.0380, 4.0540

## Background



This preview shows how black text looks on a background with the YIQ color 197.7550, 52.0380, 4.0540.



This preview shows how white text looks on a background with the YIQ color 197.7550, 52.0380,

4.0540.

# 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

197.7550, 52.0380, 4.0540

### Protanopia

195.9850, 21.5510, -10.6170

### Deuteranopia

197.2540, 40.0270, -4.0450



## **Tritanopia**

200.2170, 42.5900, 21.1020

# Trichromacy



## Original Color

197.7550, 52.0380, 4.0540

## Protanomaly

196.6060, 33.1040, -5.2320

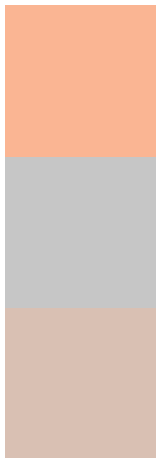
## Deuteranomaly

197.2870, 44.4280, -1.2040

## Tritanomaly

199.3820, 46.2590, 15.1790

# Monochromacy



## Original Color

197.7550, 52.0380, 4.0540

## Achromatopsia

198.0000, -0.0000, 0.0000

## Achromatomaly

197.9930, 19.0730, 1.2570

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 197.7550, 52.0380, 4.0540 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(250, 181, 147)` looks like.

```
.text, #text, p{  
    color:rgb(250, 181, 147)  
}
```

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(250, 181, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 181, 147) }
```

## Border

The CSS property to change the border of an element to YIQ 197.7550, 52.0380, 4.0540 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(250, 181, 147) }
```



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

```
.border{ border-color:rgb(250, 181, 147) }
```

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

Here you see how a box with a 4 pixel rgb(250, 181, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 181, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 181, 147);  
box-shadow:4px 4px 4px 4px rgb(250, 181,  
147) }
```

# Background

The CSS property to change the background color of an element to YIQ 197.7550, 52.0380, 4.0540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 181, 147) }
```

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

```
.background{ background-color: rgb(250,  
181, 147) }
```

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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