

# Converting Colors

YIQ(206.0680, 40.8510, 3.0510)

Have a look what the booklet for  
YIQ(206.0680, 40.8510, 3.0510)  
contains.

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# Color

**YIQ(206.0680, 40.8510,  
3.0510)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7C1A6
RGB	247, 193, 166
RGB Percent	97%, 76%, 65%
CMY	0.0313, 0.2432, 0.3488
CMYK	0.00, 0.22, 0.33, 0.03
HSL	20°, 84%, 81%
HSV	20°, 33%, 97%
XYZ	64.3200, 60.6641, 44.4182
YIQ	206.0680, 40.8510, 3.0510

# Conversions

## Conversions Part 2

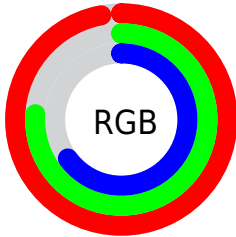
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 207, 166
Decimal	16236966
CIE Lab	82.20, 15.71, 20.98
CIE LCh	82, 26.206, 53.173
Yxy	60.6641, 0.3797, 0.3581
Android (android.graphics.Color)	4294427046 (0xFFF7C1A6)
YUV	206.0680, -19.7535, 35.8974
Hunter-Lab	77.8872, 11.1045, 20.7086

# Details

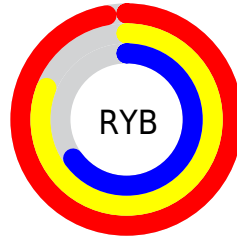
The YIQ color **206.0680, 40.8510, 3.0510** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **206.9320, -40.8510, -3.0510**, and the grayscale version is **206.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **248.1890, 12.2890, -7.9590**, and **151.1000, 37.8250, 2.8250** is the 20% darker color. If you saturate the color by 10%, you get **193.2390, 53.5510, 4.1670**, and if you desaturate by 10%, it is **218.3100, 28.4260, 2.4580**.

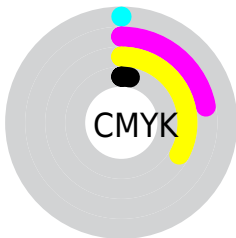
# Distribution



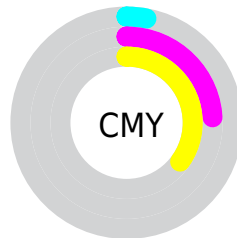
- Red (97%)
- Green (76%)
- Blue (65%)



- Red (97%)
- Yellow (81%)
- Blue (65%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (3%)




- Cyan (3%)
- Magenta (24%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 206.0680, 40.8510, 3.0510 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 206.0680, 40.8510, 3.0510 by changing the saturation by 10% instead.





 206.0680, 40.8510,  
3.0510


 206.0680, 40.8510,  
3.0510


255.0000, -0.0000,  
-0.0000


 178.5840, 39.3380,  
2.9380


 248.1890, 12.2890,  
-7.9590


 151.1000, 37.8250,  
2.8250

 254.4300, 1.6050,  
-1.5550

 125.2030, 36.0370,  
2.1890

 99.8330, 34.2030,  
2.3870

 75.6370, 31.8190,  
1.5390

 52.2670, 29.9850,  
1.7370

 29.9570, 27.9220,

0.5780

■ 10.1660, 20.2640,  
7.2080

■ 0.0000, 0.0000,  
0.0000

■ 206.0680, 40.8510,  
3.0510

■ 206.0680, 40.8510,  
3.0510

■ 193.2390, 53.5510,  
4.1670

■ 218.3100, 28.4260,  
2.4580

■ 181.1110, 65.6550,  
5.0710

■ 231.0250, 16.0470,  
1.0310

■ 168.8690, 78.0800,  
5.6640

■ 243.2670, 3.6220,  
0.4380

■ 156.0400, 90.7800,  
6.7800

■ 252.6080, -4.7680,  
-1.6960

■ 143.9120,  
102.8840, 7.6840

■ 131.0830,  
115.5840, 8.8000

■ 121.9870,  
124.6620, 9.4780

# Harmonies

## Analogous

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



207.8050, 40.5740, 13.5820



206.0680, 40.8510, 3.0510



203.9430, 30.5370, -8.2710

# Triad

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



206.0680, 40.8510, 3.0510



195.0890, -34.7040, -20.8480



205.8850, -15.1330, 15.4510

# Complementary

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



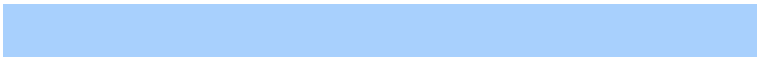
206.0680, 40.8510, 3.0510



206.9320, -40.8510, -3.0510

# 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.



201.1700, -38.2850, 5.5150



206.0680, 40.8510, 3.0510



193.7530, -51.0730, -16.0410

# Square

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



206.0680, 40.8510, 3.0510



198.0670, -11.2750, -21.4430



196.0660, -53.0920, -6.9800



208.4490, 9.7620, 21.3300



# Rectangle

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



206.0680, 40.8510, 3.0510



202.0940, 19.6260, -14.2780



196.0660, -53.0920, -6.9800



204.6990, -23.4770, 12.4830

# Sweetspot

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



206.0680, 40.8510, 3.0510



242.1710, 12.7000, 1.1160



196.4890, 30.6210, 34.2770



119.7190, 8.1610, 0.7770



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.



206.0680, 40.8510, 3.0510



204.9720, 49.9290, 3.7290



228.9610, 30.1260, -17.3460



115.9360, 6.0520, 0.4520



92.0080, 93.8060, 7.0060



29.3810, 29.6640, 2.0480

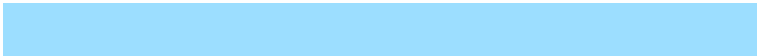


# Inverse Universe

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



206.9320, -40.8510, -3.0510



206.0280, -49.9290, -3.7290



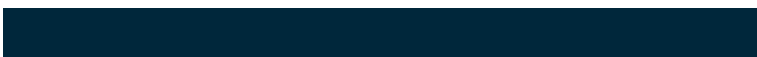
184.0390, -30.1260, 17.3460



116.0640, -6.0520, -0.4520



93.9920, -93.8060, -7.0060



29.6190, -29.6640, -2.0480



# Previews

## White Background



This preview shows how the YIQ color 206.0680, 40.8510, 3.0510 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

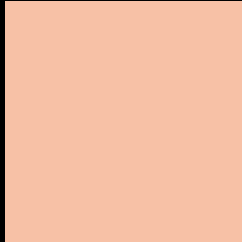
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 206.0680, 40.8510, 3.0510 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

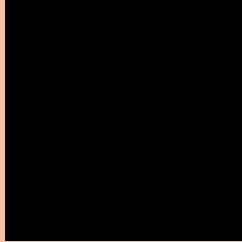
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 206.0680, 40.8510, 3.0510

## Background



This preview shows how black text looks on a background with the YIQ color 206.0680, 40.8510, 3.0510.



This preview shows how white text looks on a background with the YIQ color 206.0680, 40.8510,

3.0510.

# 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

206.0680, 40.8510, 3.0510

### Protanopia

203.8260, 17.7450, -7.7190

### Deuteranopia

205.6110, 34.7080, -1.2600



## Tritanopia

208.4330, 33.0540, 17.7100

# Trichromacy



## Original Color

206.0680, 40.8510, 3.0510

## Protanomaly

204.5390, 26.0430, -3.9170

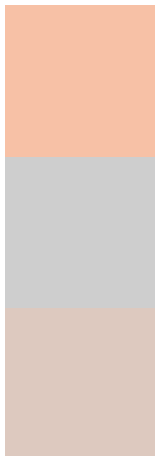
## Deuteranomaly

205.9210, 36.7710, -0.1010

## Tritanomaly

207.8260, 36.0810, 12.4090

# Monochromacy



## Original Color

206.0680, 40.8510, 3.0510

## Achromatopsia

206.0000, -0.0000, 0.0000

## Achromatomaly

205.8400, 15.1300, 1.1300

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 206.0680, 40.8510, 3.0510 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(247, 193, 166)` looks like.

```
.text, #text, p{  
    color:rgb(247, 193, 166)  
}
```

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(247, 193, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 193, 166) }
```

## Border

The CSS property to change the border of an element to YIQ 206.0680, 40.8510, 3.0510 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(247, 193, 166) }
```



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

```
.border{ border-color:rgb(247, 193, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 193, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 193, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 193, 166); box-shadow:4px 4px 4px 4px rgb(247, 193, 166) }
```

# Background

The CSS property to change the background color of an element to YIQ 206.0680, 40.8510, 3.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 193, 166) }
```

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

```
.background{ background-color: rgb(247,  
193, 166) }
```

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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