

Converting Colors

YIQ(206.6690, 37.9610, 11.3770)

Have a look what the booklet for
YIQ(206.6690, 37.9610, 11.3770)
contains.

| | |
|--|----|
| YIQ(206.6690, 37.9610, 11.3770) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(206.6690, 37.9610,
11.3770)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FABDB8 |
| RGB | 250, 189, 184 |
| RGB Percent | 98%, 74%, 72% |
| CMY | 0.0195, 0.2589, 0.2783 |
| CMYK | 0.00, 0.24, 0.26, 0.02 |
| HSL | 4°, 87%, 85% |
| HSV | 4°, 26%, 98% |
| XYZ | 66.2853, 60.1772, 53.4908 |
| YIQ | 206.6690, 37.9610, 11.3770 |

Conversions

Conversions Part 2

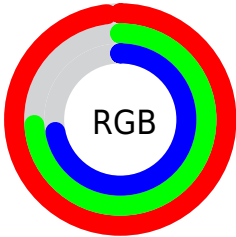
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 250, 189, 184 |
| Decimal | 16432568 |
| CIELab | 81.93, 21.27, 11.04 |
| CIELCh | 82, 23.965, 27.435 |
| Yxy | 60.1772, 0.3683, 0.3344 |
| Android (android.graphics.Color) | 4294622648 (0xFF FABDB8) |
| YUV | 206.6690, -11.1758, 38.0013 |
| Hunter-Lab | 77.5740, 16.7700, 13.4186 |

Details

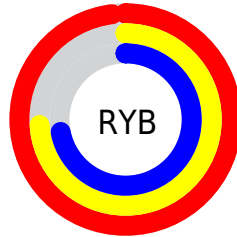
The YIQ color **206.6690, 37.9610, 11.3770** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **227.3310, -37.9610, -11.3770**, and the grayscale version is **207.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **247.4200, 7.5650, 0.5650**, and **151.5870, 35.2560, 10.8400** is the 20% darker color. If you saturate the color by 10%, you get **190.3180, 52.3110, 15.6310**, and if you desaturate by 10%, it is **223.0200, 23.6110, 7.1230**.

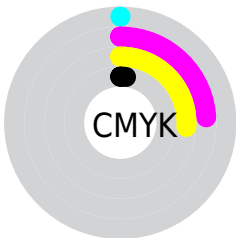
Distribution



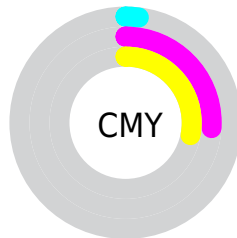
- Red (98%)
- Green (74%)
- Blue (72%)



- Red (98%)
- Yellow (74%)
- Blue (72%)



- Cyan (0%)
- Magenta (24%)
- Yellow (26%)
- Black (2%)




- Cyan (2%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 206.6690, 37.9610, 11.3770 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 206.6690, 37.9610, 11.3770 by changing the saturation by 10% instead.


 206.6690, 37.9610,
11.3770

 206.6690, 37.9610,
11.3770


255.0000, -0.0000,
-0.0000


 179.0710, 36.7690,
10.9530


 247.4200, 7.5650,
0.5650

 151.5870, 35.2560,
10.8400

 125.6900, 33.4680,
10.2040

 100.2060, 31.9550,
10.0910

 75.7220, 30.4420,
9.9780

 52.5260, 28.0580,
9.1300

 29.8570, 25.6280,

9.1160

■ 11.6610, 23.2440,
8.2680

■ 0.0000, 0.0000,
0.0000

■ 206.6690, 37.9610,
11.3770

■ 206.6690, 37.9610,
11.3770

■ 190.3180, 52.3110,
15.6310

■ 223.0200, 23.6110,
7.1230

■ 173.9670, 66.6610,
19.8850

■ 239.3710, 9.2610,
2.8690

■ 157.6160, 81.0110,
24.1390

■ 253.5050, -2.9800,
-1.0600

■ 140.6780, 95.6360,
28.9160

■ 124.3270,
109.9860, 33.1700

■ 107.9760,
124.3360, 37.4240

■ 91.6250, 138.6860,
41.6780

■ 85.9030, 143.7750,
43.0630

Harmonies

Analogous

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



207.8070, 29.0650, 18.4170



206.6690, 37.9610, 11.3770



204.9750, 36.6790, 1.5670

Triad

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



206.6690, 37.9610, 11.3770



197.7510, -13.2010, -19.5770



201.5190, -31.9580, 6.4900

Complementary

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



206.6690, 37.9610, 11.3770



227.3310, -37.9610, -11.3770

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.



197.3550, -46.5360, -4.6480



206.6690, 37.9610, 11.3770



195.4420, -34.2000, -18.9680

Square

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



206.6690, 37.9610, 11.3770



200.8800, 8.4850, -16.1150



194.4870, -47.2680, -13.4120



205.8100, -10.5480, 14.9560

Rectangle

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



206.6690, 37.9610, 11.3770



203.8230, 30.9950, -5.5570



194.4870, -47.2680, -13.4120



200.1760, -38.4220, 2.4900

Sweetspot

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



206.6690, 37.9610, 11.3770



241.5670, 11.6450, 3.7170



210.8020, 19.4340, 33.2740



119.4740, 7.4730, 2.2330



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.



206.6690, 37.9610, 11.3770



201.6270, 46.9470, 13.7230



225.4530, 29.1610, -5.3590



116.4740, 7.4730, 2.2330



64.7290, 108.7940, 32.7460



21.1740, 34.9810, 10.3170

Inverse Universe

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



227.3310, -37.9610, -11.3770



226.9600, -47.2220, -14.2460



208.5470, -29.1610, 5.3590



120.5260, -7.4730, -2.2330



124.2710, -108.7940, -32.7460



40.4130, -35.2560, -10.8400

Previews

White Background



This preview shows how the YIQ color 206.6690, 37.9610, 11.3770 looks on a white background.

Color Contrast Check

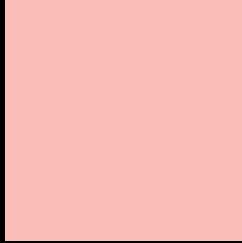
Large Text (above 18pt) WCAG AA × Fail

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 206.6690, 37.9610, 11.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

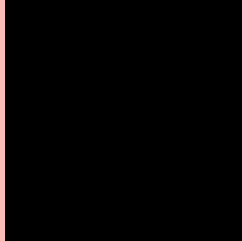
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.6690, 37.9610, 11.3770

Background



This preview shows how black text looks on a background with the YIQ color 206.6690, 37.9610, 11.3770.



This preview shows how white text looks on a background with the YIQ color 206.6690, 37.9610,

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

206.6690, 37.9610, 11.3770

Protanopia

204.1380, 8.2990, -1.7250

Deuteranopia

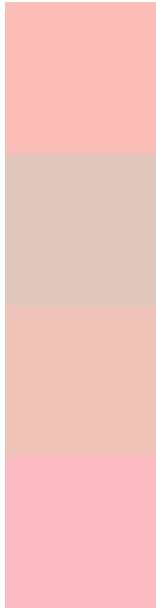
205.8690, 25.3540, 3.0660



Tritanopia

207.4440, 34.5210, 18.6570

Trichromacy



Original Color

206.6690, 37.9610, 11.3770

Protanomaly

205.0470, 18.9810, 2.9250

Deuteranomaly

206.2010, 30.3510, 6.1190

Tritanomaly

207.0480, 35.5760, 16.0560

Monochromacy



Original Color

206.6690, 37.9610, 11.3770

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

206.7630, 14.0290, 4.5650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.6690, 37.9610, 11.3770 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(250, 189, 184)` looks like.

```
.text, #text, p{  
    color:rgb(250, 189, 184)  
}
```

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, 189, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 189, 184) }
```

Border

The CSS property to change the border of an element to YIQ 206.6690, 37.9610, 11.3770 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(250, 189, 184) }
```


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

```
.border{ border-color:rgb(250, 189, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 189, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 189, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 189, 184);  
box-shadow:4px 4px 4px 4px rgb(250, 189,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 206.6690, 37.9610, 11.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 189, 184) }
```

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

```
.background{ background-color: rgb(250,  
189, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor