

Converting Colors

YIQ(201.8110, 40.4370, 10.5570)

Have a look what the booklet for
YIQ(201.8110, 40.4370, 10.5570)
contains.

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Color

**YIQ(201.8110, 40.4370,
10.5570)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B8AF
RGB	247, 184, 175
RGB Percent	97%, 72%, 69%
CMY	0.0312, 0.2785, 0.3136
CMYK	0.00, 0.26, 0.29, 0.03
HSL	7°, 82%, 83%
HSV	7°, 29%, 97%
XYZ	63.2478, 57.1476, 48.2765
YIQ	201.8110, 40.4370, 10.5570

Conversions

Conversions Part 2

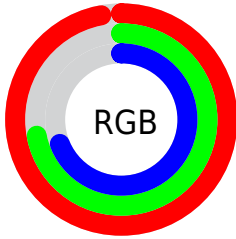
Format	Color
R _Y B	247, 185, 175
Decimal	16234671
CIE Lab	80.26, 21.60, 13.46
CIE LCh	80, 25.450, 31.939
Yxy	57.1476, 0.3750, 0.3388
Android (android.graphics.Color)	4294424751 (0xFFFF7B8AF)
YUV	201.8110, -13.2178, 39.6308
Hunter-Lab	75.5961, 17.0498, 15.0540

Details

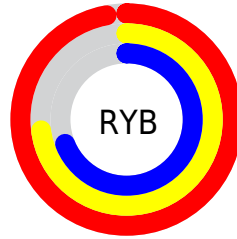
The YIQ color **201.8110, 40.4370, 10.5570** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **220.1890, -40.4370, -10.5570**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.4590, 11.8290, 0.3810**, and **147.4300, 37.1360, 9.8080** is the 20% darker color. If you saturate the color by 10%, you get **186.0470, 54.5120, 14.2880**, and if you desaturate by 10%, it is **217.5750, 26.3620, 6.8260**.

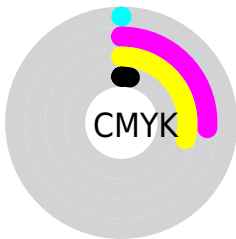
Distribution



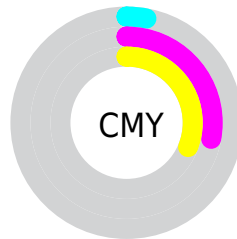
- Red (97%)
- Green (72%)
- Blue (69%)



- Red (97%)
- Yellow (73%)
- Blue (69%)



- Cyan (0%)
- Magenta (26%)
- Yellow (29%)
- Black (3%)





- Cyan (3%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 201.8110, 40.4370, 10.5570 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 201.8110, 40.4370, 10.5570 by changing the saturation by 10% instead.

 201.8110, 40.4370,
10.5570


 201.8110, 40.4370,
10.5570


255.0000, -0.0000,
-0.0000


 174.2130, 39.2450,
10.1330


 243.4590, 11.8290,
0.3810


 147.4300, 37.1360,
9.8080

 120.9460, 35.6230,
9.6950

 96.0490, 33.8350,
9.0590

 71.5650, 32.3220,
8.9460

 48.4830, 29.6170,
8.4090

 24.7710, 28.7460,

7.6740

■ 10.8780, 21.1350,
7.9430

■ 0.0000, 0.0000,
0.0000

■ 201.8110, 40.4370,
10.5570

■ 201.8110, 40.4370,
10.5570

■ 186.0470, 54.5120,
14.2880

■ 217.5750, 26.3620,
6.8260

■ 170.9840, 67.9910,
17.8070

■ 232.6380, 12.8830,
3.3070

■ 155.2200, 82.0660,
21.5380

■ 248.4020, -1.1920,
-0.4240

■ 139.4560, 96.1410,
25.2690

■ 252.6080, -4.7680,
-1.6960

■ 124.3930,
109.6200, 28.7880

■ 108.6290,
123.6950, 32.5190

■ 93.4520, 137.4950,
35.7270

■ 92.0500, 138.6870,
36.1510

Harmonies

Analogous

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



202.9600, 33.0080, 18.5440



201.8110, 40.4370, 10.5570



200.1060, 37.6880, -0.2000

Triad

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



201.8110, 40.4370, 10.5570



191.7720, -17.6940, -20.7500



197.7580, -31.1330, 8.0590

Complementary

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



201.8110, 40.4370, 10.5570



220.1890, -40.4370, -10.5570

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.



192.5120, -48.4160, -3.6160



201.8110, 40.4370, 10.5570



189.6910, -39.3350, -19.5190

Square

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



201.8110, 40.4370, 10.5570



194.8580, 5.5510, -18.0090



189.3340, -51.2110, -13.5390



201.2450, -7.3390, 17.3730

Rectangle

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



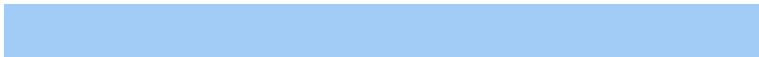
201.8110, 40.4370, 10.5570



198.4700, 30.4910, -7.4370



189.3340, -51.2110, -13.5390



195.6430, -38.2390, 4.6810

Sweetspot

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



201.8110, 40.4370, 10.5570



240.6380, 12.8830, 3.3070



203.8240, 22.3680, 35.1680



118.6590, 8.3900, 2.1340



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.



201.8110, 40.4370, 10.5570



199.0680, 50.0190, 13.1150



222.3560, 30.8120, -7.7480



114.7620, 6.6020, 1.4980



69.1150, 104.5310, 27.4030



21.7500, 33.2390, 8.8470

Inverse Universe

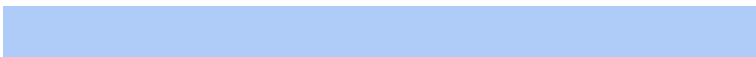
The Inverse Universe completely reimagines the original color for something new.



220.1890, -40.4370, -10.5570



221.9320, -50.0190, -13.1150



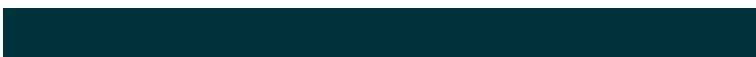
199.6440, -30.8120, 7.7480



117.8250, -6.8770, -2.0210



116.8850, -104.5310, -27.4030



36.6630, -32.9640, -8.3240

Previews

White Background



This preview shows how the YIQ color 201.8110, 40.4370, 10.5570 looks on a white background.

Color Contrast Check

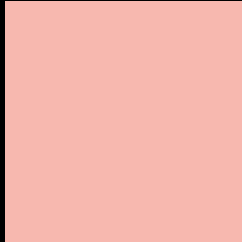
Large Text (above 18pt) WCAG AA × Fail

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 201.8110, 40.4370, 10.5570 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 201.8110, 40.4370, 10.5570

Background



This preview shows how black text looks on a background with the YIQ color 201.8110, 40.4370, 10.5570.



This preview shows how white text looks on a background with the YIQ color 201.8110, 40.4370,

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

201.8110, 40.4370, 10.5570

Protanopia

199.5680, 9.9040, -3.2800

Deuteranopia

200.7120, 27.2340, 2.0340



Tritanopia

202.9280, 36.0340, 18.7700

Trichromacy



Original Color

201.8110, 40.4370, 10.5570

Protanomaly

200.7760, 21.1820, 1.5820

Deuteranomaly

201.0440, 32.2310, 5.0870

Tritanomaly

202.4180, 37.4100, 15.8580

Monochromacy



Original Color

201.8110, 40.4370, 10.5570

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.5350, 14.6710, 3.9430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.8110, 40.4370, 10.5570 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, 184, 175)` looks like.

```
.text, #text, p{  
    color:rgb(247, 184, 175)  
}
```

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, 184, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 184, 175) }
```

Border

The CSS property to change the border of an element to YIQ 201.8110, 40.4370, 10.5570 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, 184, 175) }
```


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

```
.border{ border-color:rgb(247, 184, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 184, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 184, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 184, 175);  
box-shadow:4px 4px 4px 4px rgb(247, 184,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 201.8110, 40.4370, 10.5570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 184, 175) }
```

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

```
.background{ background-color: rgb(247,  
184, 175) }
```

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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