

Converting Colors

YIQ(190.8230, 49.3310, 14.5710)

Have a look what the booklet for
YIQ(190.8230, 49.3310, 14.5710)
contains.

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Color

**YIQ(190.8230, 49.3310,
14.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A8A1
RGB	247, 168, 161
RGB Percent	97%, 66%, 63%
CMY	0.0312, 0.3413, 0.3684
CMYK	0.00, 0.32, 0.35, 0.03
HSL	5°, 84%, 80%
HSV	5°, 35%, 97%
XYZ	58.8083, 50.3507, 40.3611
YIQ	190.8230, 49.3310, 14.5710

Conversions

Conversions Part 2

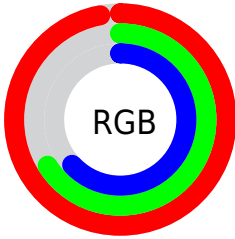
Format	Color
R _{YB}	247, 169, 161
Decimal	16230561
CIE Lab	76.28, 28.28, 15.44
CIE LCh	76, 32.224, 28.632
Yxy	50.3507, 0.3933, 0.3367
Android (android.graphics.Color)	4294420641 (0xFFFF7A8A1)
YUV	190.8230, -14.7027, 49.2672
Hunter-Lab	70.9582, 23.7593, 15.9466

Details

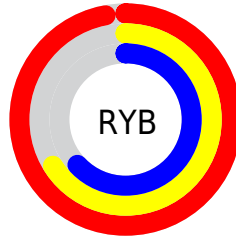
The YIQ color **190.8230, 49.3310, 14.5710** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **217.1770, -49.3310, -14.5710**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.3570, 21.0440, 4.0840**, and **136.4420, 46.0300, 13.8220** is the 20% darker color. If you saturate the color by 10%, you get **174.4720, 63.6810, 18.8250**, and if you desaturate by 10%, it is **207.1740, 34.9810, 10.3170**.

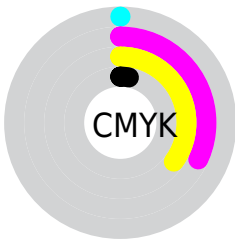
Distribution



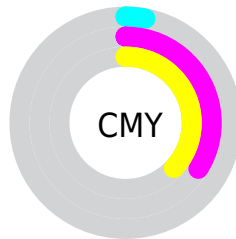
- Red (97%)
- Green (66%)
- Blue (63%)



- Red (97%)
- Yellow (66%)
- Blue (63%)



- Cyan (0%)
- Magenta (32%)
- Yellow (35%)
- Black (3%)





- Cyan (3%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 190.8230, 49.3310, 14.5710 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 190.8230, 49.3310, 14.5710 by changing the saturation by 10% instead.


 190.8230, 49.3310,
14.5710

 190.8230, 49.3310,
14.5710


255.0000, -0.0000,
-0.0000


 163.3390, 47.8180,
14.4580


 232.3570, 21.0440,
4.0840


 136.5560, 45.7090,
14.1330

 251.9850, 4.3560,
-1.8520

 110.3600, 43.3250,
13.2850

 85.5770, 41.2160,
12.9600

 60.6090, 38.1900,
12.7340

 36.4670, 35.7140,
13.5540

 16.1460, 32.1840,

11.4480

■ 7.5890, 14.5790,
5.6110

■ 0.0000, 0.0000,
0.0000

■ 190.8230, 49.3310,
14.5710

■ 190.8230, 49.3310,
14.5710

■ 174.4720, 63.6810,
18.8250

■ 207.1740, 34.9810,
10.3170

■ 158.8220, 77.4350,
22.8670

■ 222.8240, 21.2270,
6.2750

■ 142.4710, 91.7850,
27.1210

■ 239.1750, 6.8770,
2.0210

■ 126.1200,
106.1350, 31.3750

■ 252.6080, -4.7680,
-1.6960

■ 109.8830,
120.1640, 35.9400

■ 94.1190, 134.2390,
39.6710

■ 85.5930, 141.7120,
41.9040

Harmonies

Analogous

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



192.1720, 38.4630, 24.3110



190.8230, 49.3310, 14.5710



189.3090, 47.3620, 0.6900

Triad

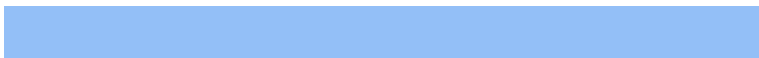
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



190.8230, 49.3310, 14.5710



179.1260, -18.9310, -25.8670



184.2280, -44.2000, 8.0880

Complementary

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



190.8230, 49.3310, 14.5710



217.1770, -49.3310, -14.5710

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.



175.9380, -67.3510, -7.3750



190.8230, 49.3310, 14.5710



174.1410, -49.6500, -25.3140

Square

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



190.8230, 49.3310, 14.5710



183.3760, 9.7240, -22.0520



171.8800, -70.6040, -20.0120



190.7160, -12.9790, 20.4690

Rectangle

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



190.8230, 49.3310, 14.5710



187.1350, 38.7440, -8.3280



171.8800, -70.6040, -20.0120



181.6890, -53.0480, 3.2400

Sweetspot

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



190.8230, 49.3310, 14.5710



238.6490, 14.3500, 4.2540



195.8340, 25.5760, 43.1120



117.3710, 9.2610, 2.8690



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.



190.8230, 49.3310, 14.5710



185.2760, 61.2970, 17.9770



215.4770, 37.7810, -7.3950



114.1750, 6.8770, 2.0210



64.4190, 106.7310, 31.5870



20.5760, 33.7890, 9.8930

Inverse Universe

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



217.1770, -49.3310, -14.5710



217.7240, -61.2970, -17.9770



192.5230, -37.7810, 7.3950



117.8250, -6.8770, -2.0210



121.5810, -106.7310, -31.5870



38.4240, -33.7890, -9.8930

Previews

White Background



This preview shows how the YIQ color 190.8230, 49.3310, 14.5710 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 190.8230, 49.3310, 14.5710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

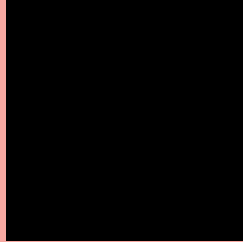
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.8230, 49.3310, 14.5710

Background



This preview shows how black text looks on a background with the YIQ color 190.8230, 49.3310, 14.5710.

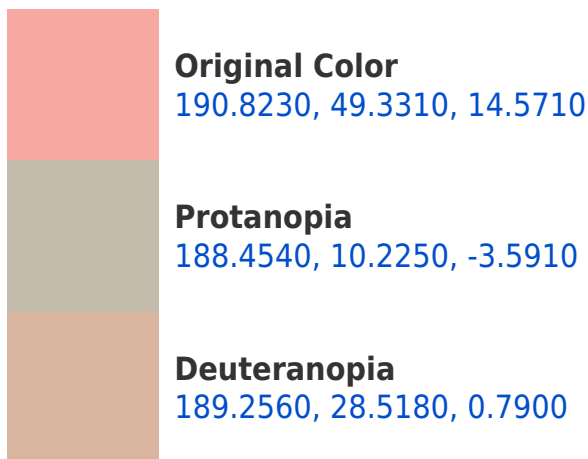


This preview shows how white text looks on a background with the YIQ color 190.8230, 49.3310,

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

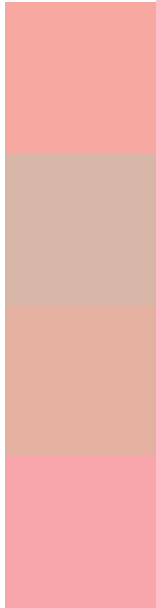




Tritanopia

191.5980, 45.8910, 21.8510

Trichromacy



Original Color

190.8230, 49.3310, 14.5710

Protanomaly

189.5700, 24.7580, 2.8540

Deuteranomaly

189.7240, 36.1280, 6.0480

Tritanomaly

191.2020, 46.9460, 19.2500

Monochromacy



Original Color

190.8230, 49.3310, 14.5710

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.0300, 17.6510, 5.0030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.8230, 49.3310, 14.5710 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, 168, 161)` looks like.

```
.text, #text, p{  
    color:rgb(247, 168, 161)  
}
```

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, 168, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 168, 161) }
```

Border

The CSS property to change the border of an element to YIQ 190.8230, 49.3310, 14.5710 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, 168, 161) }
```


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

```
.border{ border-color:rgb(247, 168, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 168, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 168, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 168, 161);  
box-shadow:4px 4px 4px 4px rgb(247, 168,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 190.8230, 49.3310, 14.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 168, 161) }
```

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

```
.background{ background-color: rgb(247,  
168, 161) }
```

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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