

Converting Colors

YIQ(190.6210, 47.0840, 16.7480)

Have a look what the booklet for
YIQ(190.6210, 47.0840, 16.7480)
contains.

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Color

**YIQ(190.6210, 47.0840,
16.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	F6A7A7
RGB	246, 167, 167
RGB Percent	96%, 65%, 65%
CMY	0.0351, 0.3452, 0.3449
CMYK	0.00, 0.32, 0.32, 0.04
HSL	360°, 82%, 81%
HSV	360°, 32%, 96%
XYZ	58.8149, 50.0185, 43.1370
YIQ	190.6210, 47.0840, 16.7480

Conversions

Conversions Part 2

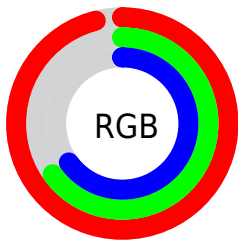
Format	Color
R _Y B	246, 167, 167
Decimal	16164775
CIE Lab	76.08, 29.18, 11.87
CIE LCh	76, 31.498, 22.137
Yxy	50.0185, 0.3870, 0.3291
Android (android.graphics.Color)	4294354855 (0xFFFF6A7A7)
YUV	190.6210, -11.6452, 48.5674
Hunter-Lab	70.7238, 24.6766, 13.3436

Details

The YIQ color **190.6210, 47.0840, 16.7480** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **222.3790, -47.0840, -16.7480**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.4540, 19.3930, 6.4730**, and **136.2400, 43.7830, 15.9990** is the 20% darker color. If you saturate the color by 10%, you get **173.0960, 61.9840, 22.0480**, and if you desaturate by 10%, it is **208.1460, 32.1840, 11.4480**.

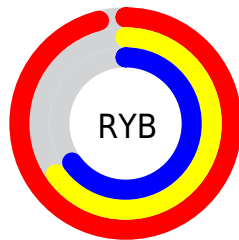
Distribution



Red (96%)

Green (65%)

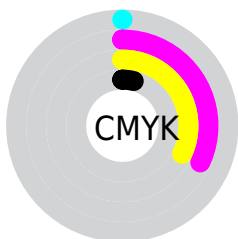
Blue (65%)



Red (96%)

Yellow (65%)

Blue (65%)

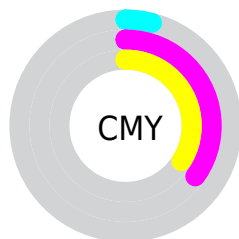


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (4%)



Cyan (4%)


Magenta (35%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 190.6210, 47.0840, 16.7480 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 190.6210, 47.0840, 16.7480 by changing the saturation by 10% instead.


 190.6210, 47.0840,
16.7480


 190.6210, 47.0840,
16.7480


255.0000, -0.0000,
-0.0000


 163.1370, 45.5710,
16.6350


 232.4540, 19.3930,
6.4730

 136.2400, 43.7830,
15.9990

 252.1960, 2.3840,
0.8480

 110.4570, 41.6740,
15.6740

 85.2610, 39.2900,
14.8260

 60.5920, 36.8600,
14.8120

 36.4500, 34.3840,
15.6320

 16.1460, 32.1840,

11.4480

■ 7.5890, 14.5790,
5.6110

■ 0.0000, 0.0000,
0.0000

■ 190.6210, 47.0840,
16.7480

■ 190.6210, 47.0840,
16.7480

■ 173.0960, 61.9840,
22.0480

■ 208.1460, 32.1840,
11.4480

■ 156.2720, 76.2880,
27.1360

■ 224.9700, 17.8800,
6.3600

■ 138.7470, 91.1880,
32.4360

■ 242.4950, 2.9800,
1.0600

■ 121.9230,
105.4920, 37.5240

■ 252.3090, -5.3640,
-1.9080

■ 104.3980,
120.3920, 42.8240

■ 86.9870, 134.9710,
48.4350

■ 73.5540, 146.6160,
52.1520

Harmonies

Analogous

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



192.1330, 34.1990, 24.4950



190.6210, 47.0840, 16.7480



188.7160, 47.7740, 4.2380

Triad

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



190.6210, 47.0840, 16.7480



179.4750, -12.6040, -24.8920



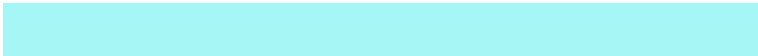
182.7820, -48.8760, 4.7240

Complementary

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



190.6210, 47.0840, 16.7480



222.3790, -47.0840, -16.7480

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.



175.0580, -67.8090, -10.0890



190.6210, 47.0840, 16.7480



175.4470, -41.7640, -25.0600

Square

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



190.6210, 47.0840, 16.7480



183.4800, 15.3630, -19.6210



171.8760, -64.7810, -20.9170



189.0140, -19.8100, 17.6140

Rectangle

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



190.6210, 47.0840, 16.7480



187.7980, 41.3110, -5.2890



171.8760, -64.7810, -20.9170



179.4280, -56.8070, -0.2230

Sweetspot

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



190.6210, 47.0840, 16.7480



237.4750, 14.9000, 5.3000



199.3280, 21.1290, 41.1050



116.7840, 9.5360, 3.3920



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.



190.6210, 47.0840, 16.7480



185.6010, 59.0040, 20.9880



212.9270, 36.6340, -3.1260



113.5880, 7.1520, 2.5440



55.6140, 110.8560, 39.4320



17.6410, 35.1640, 12.5080

Inverse Universe

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



190.6210, 47.0840, 16.7480



185.6010, 59.0040, 20.9880



200.0730, -36.6340, 3.1260



113.5880, 7.1520, 2.5440



55.6140, 110.8560, 39.4320



17.6410, 35.1640, 12.5080

Previews

White Background



This preview shows how the YIQ color 190.6210, 47.0840, 16.7480 looks on a white background.

Color Contrast Check

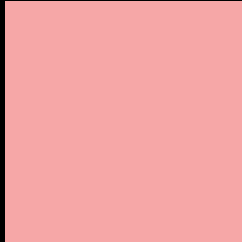
Large Text (above 18pt) WCAG AA × Fail

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 190.6210, 47.0840, 16.7480 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 190.6210, 47.0840, 16.7480

Background



This preview shows how black text looks on a background with the YIQ color 190.6210, 47.0840, 16.7480.



This preview shows how white text looks on a background with the YIQ color 190.6210, 47.0840,

16.7480.

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

190.6210, 47.0840, 16.7480

Protanopia

188.0670, 7.0610, -1.3150

Deuteranopia

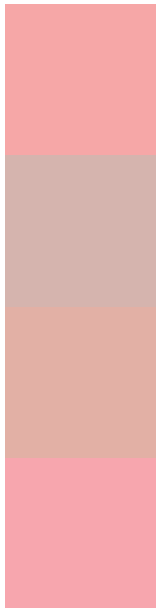
189.2280, 25.7210, 1.9210



Tritanopia

191.0000, 44.6990, 21.4270

Trichromacy



Original Color

190.6210, 47.0840, 16.7480

Protanomaly

189.1830, 21.5940, 5.1300

Deuteranomaly

189.6960, 33.3310, 7.1790

Tritanomaly

191.1310, 45.7080, 19.6600

Monochromacy



Original Color

190.6210, 47.0840, 16.7480

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

190.6710, 17.2840, 6.1480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.6210, 47.0840, 16.7480 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(246, 167, 167)` looks like.

```
.text, #text, p{  
    color:rgb(246, 167, 167)  
}
```

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(246, 167, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 167, 167) }
```

Border

The CSS property to change the border of an element to YIQ 190.6210, 47.0840, 16.7480 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(246, 167, 167) }
```


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

```
.border{ border-color:rgb(246, 167, 167) }
```

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

Here you see how a box with a 4 pixel rgb(246, 167, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 167, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 167, 167);  
box-shadow:4px 4px 4px 4px rgb(246, 167,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 190.6210, 47.0840, 16.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 167, 167) }
```

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

```
.background{ background-color: rgb(246,  
167, 167) }
```

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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