

Converting Colors

YIQ(187.5540, 49.1910, 28.1270)

Have a look what the booklet for
YIQ(187.5540, 49.1910, 28.1270)
contains.

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Color

**YIQ(187.5540, 49.1910,
28.1270)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9CB5
RGB	252, 156, 181
RGB Percent	99%, 61%, 71%
CMY	0.0115, 0.3884, 0.2900
CMYK	0.00, 0.38, 0.28, 0.01
HSL	344°, 94%, 80%
HSV	344°, 38%, 99%
XYZ	60.3942, 47.8085, 49.7850
YIQ	187.5540, 49.1910, 28.1270

Conversions

Conversions Part 2

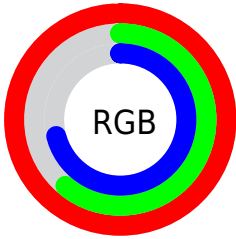
Format	Color
R _Y B	252, 156, 181
Decimal	16555189
CIE Lab	74.70, 38.89, 2.31
CIE LCh	75, 38.958, 3.395
Yxy	47.8085, 0.3823, 0.3026
Android (android.graphics.Color)	4294745269 (0xFFFC9CB5)
YUV	187.5540, -3.2311, 56.5191
Hunter-Lab	69.1437, 34.9110, 5.7104

Details

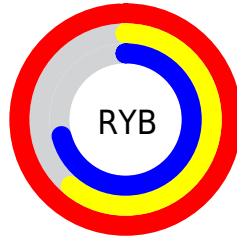
The YIQ color **187.5540, 49.1910, 28.1270** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **220.4460, -49.1910, -28.1270**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7070, 17.6030, 16.8910**, and **132.7600, 45.6150, 26.8550** is the 20% darker color. If you saturate the color by 10%, you get **170.7130, 62.1650, 35.2930**, and if you desaturate by 10%, it is **204.3950, 36.2170, 20.9610**.

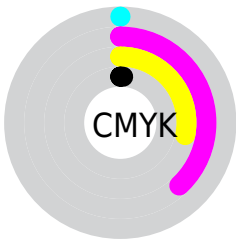
Distribution



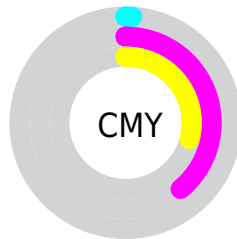
- Red (99%)
- Green (61%)
- Blue (71%)



- Red (99%)
- Yellow (61%)
- Blue (71%)



- Cyan (0%)
- Magenta (38%)
- Yellow (28%)
- Black (1%)





- Cyan (1%)
- Magenta (39%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.5540, 49.1910, 28.1270 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 187.5540, 49.1910, 28.1270 by changing the saturation by 10% instead.

 187.5540, 49.1910,
28.1270


 187.5540, 49.1910,
28.1270


255.0000, -0.0000,
-0.0000


 159.6570, 47.4030,
27.4910


 227.7070, 17.6030,
16.8910


 132.7600, 45.6150,
26.8550

 246.1950, 4.1250,
7.8450

 106.2760, 44.1020,
26.7420

 80.4930, 41.9930,
26.4170

 54.6500, 40.1130,
27.4490

 28.8070, 38.2330,
28.4810

 18.8240, 30.3950,

16.3390

■ 9.0840, 17.5590,
6.6710

■ 0.0000, 0.0000,
0.0000

■ 187.5540, 49.1910,
28.1270

■ 187.5540, 49.1910,
28.1270

■ 170.7130, 62.1650,
35.2930

■ 204.3950, 36.2170,
20.9610

■ 153.9860, 74.8180,
42.7700

■ 221.1220, 23.5640,
13.4840

■ 136.5580, 88.0670,
50.4590

■ 238.5500, 10.3150,
5.7950

■ 119.8310,
100.7200, 57.9360

■ 254.1030, -1.7880,
-0.6360

■ 102.9900,
113.6940, 65.1020

■ 86.1490, 126.6680,
72.2680

■ 82.8720, 129.0060,
73.9500

Harmonies

Analogous

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



188.6130, 24.3400, 32.4680



187.5540, 49.1910, 28.1270



185.9120, 59.3260, 15.1500

Triad

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



187.5540, 49.1910, 28.1270



176.9470, 6.3780, -27.4940



166.2330, -87.2950, -9.3670

Complementary

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



187.5540, 49.1910, 28.1270



220.4460, -49.1910, -28.1270

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.



154.9450, -104.7600, -28.7600



187.5540, 49.1910, 28.1270



171.0920, -30.7590, -31.7750

Square

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



187.5540, 49.1910, 28.1270



181.1850, 35.3070, -17.6290



162.6050, -71.7480, -32.3240



179.8130, -50.1610, 11.4950

Rectangle

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



187.5540, 49.1910, 28.1270



184.6800, 56.6230, 3.5590



162.6050, -71.7480, -32.3240



160.9280, -96.9220, -16.6180

Sweetspot

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



187.5540, 49.1910, 28.1270



236.1700, 14.4410, 8.1130



187.8740, 10.9040, 44.6960



116.5390, 8.8480, 4.8480



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.



187.5540, 49.1910, 28.1270



176.4030, 60.1020, 34.1340



197.6180, 51.1660, 8.8460



116.3430, 6.4640, 4.0000



62.0970, 96.9150, 55.3070



20.0630, 31.2200, 17.9080

Inverse Universe

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



187.5540, 49.1910, 28.1270



176.4030, 60.1020, 34.1340



210.3820, -51.1660, -8.8460



116.3430, 6.4640, 4.0000



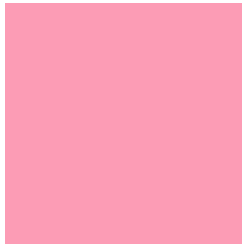
62.0970, 96.9150, 55.3070



20.0630, 31.2200, 17.9080

Previews

White Background



This preview shows how the YIQ color 187.5540, 49.1910, 28.1270 looks on a white background.

Color Contrast Check

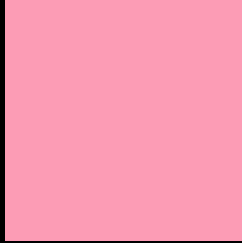
Large Text (above 18pt) WCAG AA × Fail

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 187.5540, 49.1910, 28.1270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

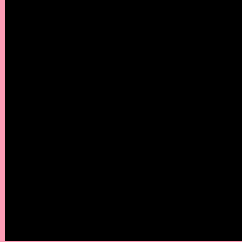
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.5540, 49.1910, 28.1270

Background



This preview shows how black text looks on a background with the YIQ color 187.5540, 49.1910, 28.1270.



This preview shows how white text looks on a background with the YIQ color 187.5540, 49.1910,

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

187.5540, 49.1910, 28.1270

Protanopia

184.8950, -3.8980, 4.5660

Deuteranopia

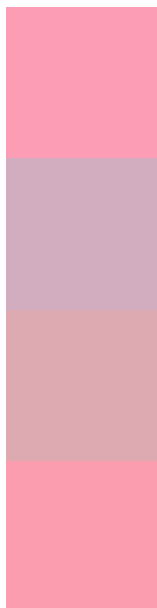
185.9590, 16.4130, 5.4130



Tritanopia

187.1750, 51.5760, 23.4480

Trichromacy



Original Color

187.5540, 49.1910, 28.1270

Protanomaly

185.8160, 15.6780, 13.2300

Deuteranomaly

186.4600, 28.4240, 13.5120

Tritanomaly

187.0440, 50.5670, 25.2150

Monochromacy



Original Color

187.5540, 49.1910, 28.1270

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.4910, 17.9710, 10.2190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.5540, 49.1910, 28.1270 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(252, 156, 181)` looks like.

```
.text, #text, p{  
    color:rgb(252, 156, 181)  
}
```

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(252, 156, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 156, 181) }
```

Border

The CSS property to change the border of an element to YIQ 187.5540, 49.1910, 28.1270 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(252, 156, 181) }
```


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

```
.border{ border-color:rgb(252, 156, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 156, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 156, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 156, 181);  
box-shadow:4px 4px 4px 4px rgb(252, 156,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 187.5540, 49.1910, 28.1270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 156, 181) }
```

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

```
.background{ background-color: rgb(252,  
156, 181) }
```

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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