

Converting Colors

YIQ(186.3710, 61.9870, 5.4670)

Have a look what the booklet for
YIQ(186.3710, 61.9870, 5.4670)
contains.

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Color

**YIQ(186.3710, 61.9870,
5.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	F9A67F
RGB	249, 166, 127
RGB Percent	98%, 65%, 50%
CMY	0.0234, 0.3491, 0.5017
CMYK	0.00, 0.33, 0.49, 0.02
HSL	19°, 91%, 74%
HSV	19°, 49%, 98%
XYZ	56.5479, 48.9417, 26.5690
YIQ	186.3710, 61.9870, 5.4670

Conversions

Conversions Part 2

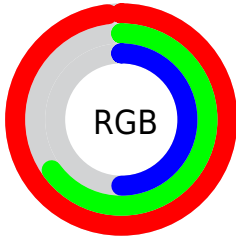
Format	Color
R_{YB}	249, 184, 127
Decimal	16361087
CIE _{Lab}	75.42, 26.50, 32.63
CIE _{LCh}	75, 42.037, 50.923
Yxy	48.9417, 0.4282, 0.3706
Android (android.graphics.Color)	4294551167 (0xFFFF9A67F)
YUV	186.3710, -29.2699, 54.9256
Hunter-Lab	69.9584, 21.8558, 26.4535

Details

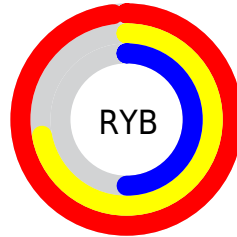
The YIQ color **186.3710, 61.9870, 5.4670** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **189.6290, -61.9870, -5.4670**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.4920, 33.4250, -5.5430**, and **132.2070, 56.5770, 4.3930** is the 20% darker color. If you saturate the color by 10%, you get **173.5420, 74.6870, 6.5830**, and if you desaturate by 10%, it is **199.2000, 49.2870, 4.3510**.

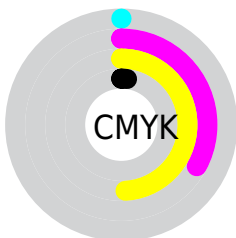
Distribution



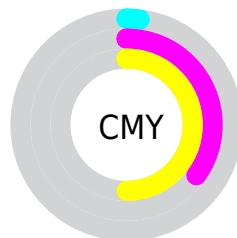
- Red (98%)
- Green (65%)
- Blue (50%)



- Red (98%)
- Yellow (72%)
- Blue (50%)



- Cyan (0%)
- Magenta (33%)
- Yellow (49%)
- Black (2%)





- Cyan (2%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 186.3710, 61.9870, 5.4670 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 186.3710, 61.9870, 5.4670 by changing the saturation by 10% instead.


 186.3710, 61.9870,
5.4670


 186.3710, 61.9870,
5.4670


255.0000, -0.0000,
-0.0000

 158.7020, 59.5570,
5.4530


 226.4920, 33.4250,
-5.5430


 131.6200, 56.8520,
4.9160


 246.7070, 16.4620,
-12.0020

 105.6520, 53.8260,
4.6900

 252.8340, 6.0990,
-5.9090

 80.5700, 51.1210,
4.1530

 56.1890, 47.8200,
3.4040

 33.5890, 40.9420,
6.9100

 14.9500, 29.8000,

10.6000

■ 4.7840, 9.5360,
3.3920

■ 0.0000, 0.0000,
0.0000

■ 186.3710, 61.9870,
5.4670

■ 186.3710, 61.9870,
5.4670

■ 173.5420, 74.6870,
6.5830

■ 199.2000, 49.2870,
4.3510

■ 160.7130, 87.3870,
7.6990

■ 212.0290, 36.5870,
3.2350

■ 147.8840,
100.0870, 8.8150

■ 224.8580, 23.8870,
2.1190

■ 135.0550,
112.7870, 9.9310

■ 237.6870, 11.1870,
1.0030

■ 122.3400,
125.1660, 11.3580

■ 250.5160, -1.5130,
-0.1130

■ 120.8240,
126.6790, 11.4710

■ 253.2060, -3.5760,
-1.2720

Harmonies

Analogous

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



186.6440, 57.4450, 21.7090



186.3710, 61.9870, 5.4670



183.5780, 47.5020, -12.8660

Triad

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



186.3710, 61.9870, 5.4670



166.2440, -60.6060, -36.0140



186.4570, -28.2470, 21.8410

Complementary

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



186.3710, 61.9870, 5.4670



189.6290, -61.9870, -5.4670

Split Complementary

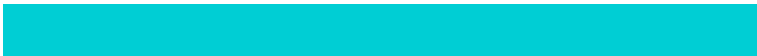
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



174.0550, -71.7540, 0.8380



186.3710, 61.9870, 5.4670



145.0900, -124.7020, -41.8060

Square

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



186.3710, 61.9870, 5.4670



175.0520, -16.0870, -33.3590



150.0920, -127.0430, -26.9070



190.9090, 11.8230, 33.5430

Rectangle

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



186.3710, 61.9870, 5.4670



181.5710, 31.0440, -22.9720



150.0920, -127.0430, -26.9070



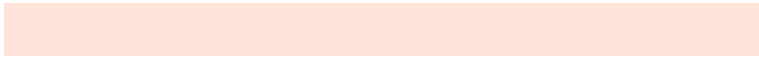
183.1130, -42.1380, 14.7740

Sweetspot

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



186.3710, 61.9870, 5.4670



235.4060, 19.3480, 1.7800



172.9400, 46.0690, 51.6770



115.9860, 11.7830, 1.2150



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.



186.3710, 61.9870, 5.4670



178.0260, 76.2000, 6.6960



222.1780, 45.2120, -26.4360



118.2350, 6.6480, 0.6640



91.7310, 96.1440, 8.6880



29.9790, 30.8560, 2.4720

Inverse Universe

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



189.6290, -61.9870, -5.4670



181.9740, -76.2000, -6.6960



153.8220, -45.2120, 26.4360



118.7650, -6.6480, -0.6640



97.2690, -96.1440, -8.6880



31.6080, -31.1310, -2.9950

Previews

White Background



This preview shows how the YIQ color 186.3710, 61.9870, 5.4670 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 186.3710, 61.9870, 5.4670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

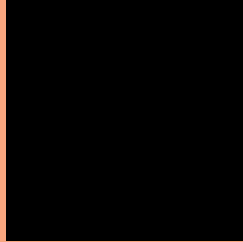
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.3710, 61.9870, 5.4670

Background



This preview shows how black text looks on a background with the YIQ color 186.3710, 61.9870, 5.4670.



This preview shows how white text looks on a background with the YIQ color 186.3710, 61.9870,

5.4670.

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

186.3710, 61.9870, 5.4670

Protanopia

184.4860, 24.3940, -12.5820

Deuteranopia

185.4130, 43.8330, -6.9430



Tritanopia

189.1750, 51.5760, 23.4480

Trichromacy



Original Color

186.3710, 61.9870, 5.4670

Protanomaly

185.4170, 38.0100, -6.0380

Deuteranomaly

185.8700, 49.9760, -2.6320

Tritanomaly

188.2260, 55.5660, 17.2140

Monochromacy



Original Color

186.3710, 61.9870, 5.4670

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.3740, 22.3740, 2.0060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.3710, 61.9870, 5.4670 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(249, 166, 127)` looks like.

```
.text, #text, p{  
    color:rgb(249, 166, 127)  
}
```

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(249, 166, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 166, 127) }
```

Border

The CSS property to change the border of an element to YIQ 186.3710, 61.9870, 5.4670 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(249, 166, 127) }
```


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

```
.border{ border-color:rgb(249, 166, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 166, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 166, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 166, 127);  
box-shadow:4px 4px 4px 4px rgb(249, 166,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 186.3710, 61.9870, 5.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 166, 127) }
```

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

```
.background{ background-color: rgb(249,  
166, 127) }
```

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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