

Converting Colors

YIQ(188.3710, 61.9870, 5.4670)

Have a look what the booklet for
YIQ(188.3710, 61.9870, 5.4670)
contains.

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Color

**YIQ(188.3710, 61.9870,
5.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA881
RGB	251, 168, 129
RGB Percent	98%, 66%, 51%
CMY	0.0155, 0.3413, 0.4938
CMYK	0.00, 0.33, 0.49, 0.02
HSL	19°, 94%, 75%
HSV	19°, 49%, 98%
XYZ	57.7629, 50.0966, 27.4186
YIQ	188.3710, 61.9870, 5.4670

Conversions

Conversions Part 2

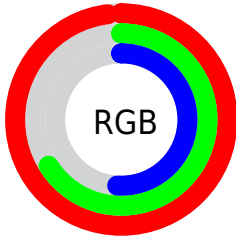
Format	Color
R _Y B	251, 186, 129
Decimal	16492673
CIE Lab	76.13, 26.41, 32.55
CIE LCh	76, 41.916, 50.937
Yxy	50.0966, 0.4270, 0.3703
Android (android.graphics.Color)	4294682753 (0xFFFBA881)
YUV	188.3710, -29.2699, 54.9256
Hunter-Lab	70.7790, 21.8111, 26.5773

Details

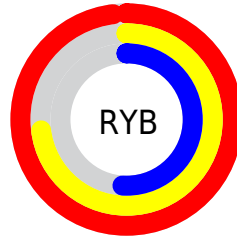
The YIQ color **188.3710, 61.9870, 5.4670** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **191.6290, -61.9870, -5.4670**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.4810, 31.9580, -6.4900**, and **133.6200, 56.8520, 4.9160** is the 20% darker color. If you saturate the color by 10%, you get **175.5420, 74.6870, 6.5830**, and if you desaturate by 10%, it is **201.2000, 49.2870, 4.3510**.

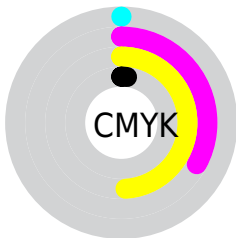
Distribution



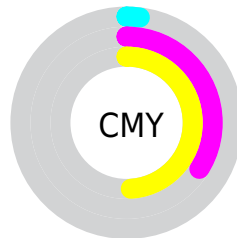
- Red (98%)
- Green (66%)
- Blue (51%)



- Red (98%)
- Yellow (73%)
- Blue (51%)



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





- Cyan (2%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.3710, 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 188.3710, 61.9870, 5.4670 by changing the saturation by 10% instead.


 188.3710, 61.9870,
5.4670


 188.3710, 61.9870,
5.4670


255.0000, -0.0000,
-0.0000


 160.7020, 59.5570,
5.4530


 228.4810, 31.9580,
-6.4900


 133.6200, 56.8520,
4.9160


 248.1090, 15.2700,
-12.4260

 107.6520, 53.8260,
4.6900

 253.1760, 5.1360,
-4.9760

 82.5700, 51.1210,
4.1530

 58.1890, 47.8200,
3.4040

 35.3610, 41.5840,
6.2880

 15.5480, 30.9920,

11.0240

■ 6.2790, 12.5160,
4.4520

■ 0.0000, 0.0000,
0.0000

■ 188.3710, 61.9870,
5.4670

■ 188.3710, 61.9870,
5.4670

■ 175.5420, 74.6870,
6.5830

■ 201.2000, 49.2870,
4.3510

■ 162.7130, 87.3870,
7.6990

■ 214.0290, 36.5870,
3.2350

■ 149.8840,
100.0870, 8.8150

■ 226.8580, 23.8870,
2.1190

■ 137.0550,
112.7870, 9.9310

■ 239.6870, 11.1870,
1.0030

■ 123.6390,
125.7620, 11.5700

■ 252.6300, -1.8340,
0.1980

■ 122.0090,
127.5960, 11.3720

■ 253.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



188.0460, 56.2530, 21.2850



188.3710, 61.9870, 5.4670



185.5780, 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.



188.3710, 61.9870, 5.4670



168.5430, -60.0100, -35.8020



188.2290, -27.6050, 21.2190

Complementary

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



188.3710, 61.9870, 5.4670



191.6290, -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.



176.1260, -70.5160, 0.4280



188.3710, 61.9870, 5.4670



150.0800, -118.7420, -39.6860

Square

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



188.3710, 61.9870, 5.4670



177.0520, -16.0870, -33.3590



155.0820, -121.0830, -24.7870



192.9090, 11.8230, 33.5430

Rectangle

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



188.3710, 61.9870, 5.4670



183.5710, 31.0440, -22.9720



155.0820, -121.0830, -24.7870



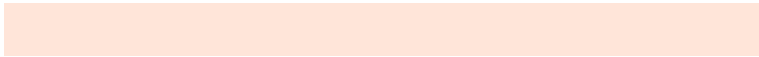
184.8850, -41.4960, 14.1520

Sweetspot

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



188.3710, 61.9870, 5.4670



235.4060, 19.3480, 1.7800



174.9400, 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.



188.3710, 61.9870, 5.4670



178.8410, 75.2830, 6.7950



224.1780, 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.



191.6290, -61.9870, -5.4670



183.1590, -75.2830, -6.7950



155.8220, -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 188.3710, 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 188.3710, 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 188.3710, 61.9870, 5.4670

Background



This preview shows how black text looks on a background with the YIQ color 188.3710, 61.9870, 5.4670.



This preview shows how white text looks on a background with the YIQ color 188.3710, 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

188.3710, 61.9870, 5.4670

Protanopia

186.4860, 24.3940, -12.5820

Deuteranopia

187.4130, 43.8330, -6.9430



Tritanopia

191.1750, 51.5760, 23.4480

Trichromacy



Original Color

188.3710, 61.9870, 5.4670

Protanomaly

187.4170, 38.0100, -6.0380

Deuteranomaly

187.8700, 49.9760, -2.6320

Tritanomaly

190.2260, 55.5660, 17.2140

Monochromacy



Original Color

188.3710, 61.9870, 5.4670

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.3740, 22.3740, 2.0060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.3710, 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(251, 168, 129)` looks like.

```
.text, #text, p{  
    color:rgb(251, 168, 129)  
}
```

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(251, 168, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 168, 129) }
```

Border

The CSS property to change the border of an element to YIQ 188.3710, 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(251, 168, 129) }
```


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

```
.border{ border-color:rgb(251, 168, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 168, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 168, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 168, 129);  
box-shadow:4px 4px 4px 4px rgb(251, 168,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 188.3710, 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(251, 168, 129) }
```

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

```
.background{ background-color: rgb(251,  
168, 129) }
```

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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