

Converting Colors

YIQ(187.8870, 60.4740, 5.3540)

Have a look what the booklet for
YIQ(187.8870, 60.4740, 5.3540)
contains.

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Color

**YIQ(187.8870, 60.4740,
5.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	F9A882
RGB	249, 168, 130
RGB Percent	98%, 66%, 51%
CMY	0.0234, 0.3413, 0.4899
CMYK	0.00, 0.33, 0.48, 0.02
HSL	19°, 91%, 74%
HSV	19°, 48%, 98%
XYZ	57.1125, 49.7539, 27.7366
YIQ	187.8870, 60.4740, 5.3540

Conversions

Conversions Part 2

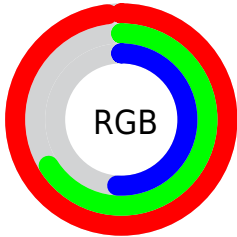
Format	Color
R _Y B	249, 186, 130
Decimal	16361602
CIE Lab	75.92, 25.73, 31.70
CIE LCh	76, 40.823, 50.936
Yxy	49.7539, 0.4243, 0.3696
Android (android.graphics.Color)	4294551682 (0xFFFF9A882)
YUV	187.8870, -28.5383, 53.5961
Hunter-Lab	70.5364, 21.0906, 26.0613

Details

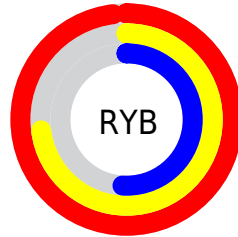
The YIQ color **187.8870, 60.4740, 5.3540** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **191.1130, -60.4740, -5.3540**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.5950, 31.6370, -6.1790**, and **133.4350, 55.9350, 5.0150** is the 20% darker color. If you saturate the color by 10%, you get **175.0580, 73.1740, 6.4700**, and if you desaturate by 10%, it is **200.7160, 47.7740, 4.2380**.

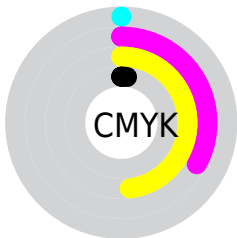
Distribution



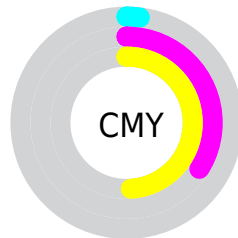
- Red (98%)
- Green (66%)
- Blue (51%)



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



- Cyan (0%)
- Magenta (33%)
- Yellow (48%)
- Black (2%)




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

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.8870, 60.4740, 5.3540 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 187.8870, 60.4740, 5.3540 by changing the saturation by 10% instead.

 187.8870, 60.4740,
5.3540


 187.8870, 60.4740,
5.3540


255.0000, -0.0000,
-0.0000


 160.2180, 58.0440,
5.3400


 228.5950, 31.6370,
-6.1790


 133.4350, 55.9350,
5.0150


 248.2230, 14.9490,
-12.1150

 107.4670, 52.9090,
4.7890

 253.2900, 4.8150,
-4.6650

 82.0860, 49.6080,
4.0400

 57.7050, 46.3070,
3.2910

 35.0620, 40.9880,
6.0760

 15.2490, 30.3960,

10.8120

■ 5.6810, 11.3240,
4.0280

■ 0.0000, 0.0000,
0.0000

■ 187.8870, 60.4740,
5.3540

■ 187.8870, 60.4740,
5.3540

■ 175.0580, 73.1740,
6.4700

■ 200.7160, 47.7740,
4.2380

■ 162.2290, 85.8740,
7.5860

■ 213.5450, 35.0740,
3.1220

■ 149.4000, 98.5740,
8.7020

■ 226.3740, 22.3740,
2.0060

■ 136.5710,
111.2740, 9.8180

■ 239.2030, 9.6740,
0.8900

■ 123.8560,
123.6530, 11.2450

■ 252.0320, -3.0260,
-0.2260

■ 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.



188.0460, 56.2530, 21.2850



187.8870, 60.4740, 5.3540



185.3930, 46.5850, -12.7670

Triad

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



187.8870, 60.4740, 5.3540



168.8530, -57.9470, -34.6430



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.



187.8870, 60.4740, 5.3540



191.1130, -60.4740, -5.3540

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.



176.4360, -68.4530, 1.5870



187.8870, 60.4740, 5.3540



155.3590, -106.2260, -35.2340

Square

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



187.8870, 60.4740, 5.3540



176.7640, -15.2160, -32.6240



159.0510, -110.6300, -21.4940



192.0830, 11.2730, 32.4970

Rectangle

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



187.8870, 60.4740, 5.3540



182.9130, 30.0810, -22.0390



159.0510, -110.6300, -21.4940



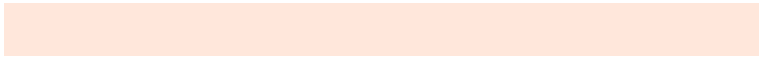
184.5970, -40.6250, 14.8870

Sweetspot

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



187.8870, 60.4740, 5.3540



236.8080, 18.1560, 1.3560



174.8150, 44.9230, 50.4190



116.6870, 11.1870, 1.0030



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.



187.8870, 60.4740, 5.3540



180.3570, 73.7700, 6.6820



222.5200, 44.2490, -25.5030



118.2350, 6.6480, 0.6640



91.7310, 96.1440, 8.6880



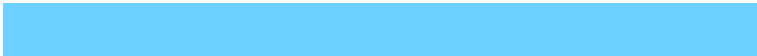
29.3920, 31.1310, 2.9950

Inverse Universe

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



191.1130, -60.4740, -5.3540



184.6430, -73.7700, -6.6820



156.4800, -44.2490, 25.5030



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 187.8870, 60.4740, 5.3540 looks on a white background.

Color Contrast Check

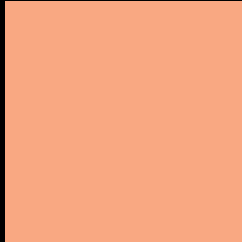
Large Text (above 18pt) WCAG AA × Fail

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 187.8870, 60.4740, 5.3540 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 187.8870, 60.4740, 5.3540

Background



This preview shows how black text looks on a background with the YIQ color 187.8870, 60.4740, 5.3540.



This preview shows how white text looks on a background with the YIQ color 187.8870, 60.4740,

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

187.8870, 60.4740, 5.3540

Protanopia

185.6000, 24.0730, -12.2710

Deuteranopia

186.6410, 43.1910, -6.3210



Tritanopia

190.5770, 50.3840, 23.0240

Trichromacy



Original Color

187.8870, 60.4740, 5.3540

Protanomaly

186.2320, 37.0930, -5.9390

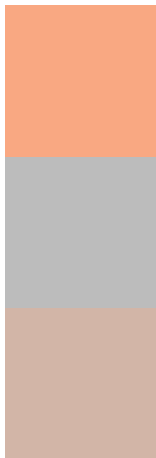
Deuteranomaly

187.0980, 49.3340, -2.0100

Tritanomaly

189.6280, 54.3740, 16.7900

Monochromacy



Original Color

187.8870, 60.4740, 5.3540

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0750, 21.7780, 1.7940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.8870, 60.4740, 5.3540 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, 168, 130)` looks like.

```
.text, #text, p{  
    color:rgb(249, 168, 130)  
}
```

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, 168, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 168, 130) }
```

Border

The CSS property to change the border of an element to YIQ 187.8870, 60.4740, 5.3540 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, 168, 130) }
```


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

```
.border{ border-color:rgb(249, 168, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 168, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 168, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 168, 130);  
box-shadow:4px 4px 4px 4px rgb(249, 168,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 187.8870, 60.4740, 5.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 168, 130) }
```

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

```
.background{ background-color: rgb(249,  
168, 130) }
```

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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